

PRODUCT CATALOGUE PRIVATE LABEL





CREATES
COMPETITIVE NEW
OPPORTUNITIES
AND SIGNIFICANT
EXPERIENCE



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**FIRE
RATED**
PRODUCTS



FIRE RATED PU SEALANT

One component, medium modulus polyurethane sealant that cures on exposure to atmospheric humidity and capable of enduring direct flame to certain degrees.

FEATURES

More than 4 hours of fire resistance in certain conditions without using backfilling materials. Possesses permanent elasticity. No sagging - Thixotropic. No surface tackiness after full cure. Do not pick up dirt. No shrinkage. Enhanced storage stability. Can be applied with hand gun and tooled easily. Paintable. Cures bubble-free 25% movement capability. Conforms to BS 6920 for the metallic water soluble impurities. Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168. M2 Fire Rating according to NF P 92-501 radiation test. A+ indoor air quality rating.

APPLICATION AREAS

Fire rated sealing and bonding applications. Expansion joints between many different construction materials. Movement and connection joints in floors. Indoor and outdoor applications for pedestrian and traffic areas. Joints between prefabricated construction materials. Sealing and bonding of ventilation ducts, gutters and spouts etc. For expansion joints between pre-cast concrete panels. Meets the requirements of ISO 11600 F 25 LM

TECHNICAL FEATURES

BEFORE CURING

Basis	: Polyurethane
Consistency	: Thixotropic
Curing Mechanism	: Moisture Curing
Density	: 1.20-1.25g/ml
Tack free time	: 30-60 min. (23°C and 50% R.H)
Curing Rate	: Min. 2,5 mm/day (23°C and 50% R.H)
Sagging	: 0 mm (EN ISO 7390)
Temperature Resistance	: -40°C to +90°C
Application Temperature	: +5°C to +40°C

AFTER CURING

Hardness Shore A	: 35-40 After 28 days (ASTM C661)
Paintability	: Yes *
Elastic Recovery	: ≥ 70% (ISO 7389)

Glass-Glass

Elongation at break	: ≥ 200% (ISO8339)
E100 Modulus (23 °C)	: 0.35-0.40 N/mm² (ISO8339)
E100 Modulus (-20 °C)	: ≤ 0,60 N/mm² (ISO8339)

DUMBLE TEST

Elongation at break	: ≥ 600 (ASTM D412)
Tensile Strength	: 1.5-2.0 N/mm² (ASTM D412)

PACKAGE

Type	Volume	Box
Black	300 ml	12
Black	400 ml	12
Black	600 ml	12
Grey	400 ml	12
Grey	600 ml	12
Black	310 ml	12
Grey	310 ml	12

CERTIFICATES



More than 4 hours
fire resistance
according to
EN 1366-4

Fire Class

FIRE STOP ACRYLIC SEALANT

Single component water based fire rated acrylic sealant ideal for sealing joints to prevent the passage of flammable gases and toxic smoke in compartment walls and floors.



FEATURES

M1 Fire Rating according to NF P 92-501 radiation test. Good unprimed adhesion to most common construction substrates. Easy to apply. Remains flexible. Paintable. Non-slump.

APPLICATION AREAS

Sealing of joints and seams, or at certain areas where requirements for fire resistance are mandatory.

TECHNICAL FEATURES

Basis	: Acrylic Dispersion
Consistency	: Smooth paste
pH	: 7.5-9
Specific gravity	: $1,58 \pm 0,03 \text{ gr/cm}^3$ (ASTM D 792)
Tack-Free time	: 15-30 min (23°C and 50% R.H)(ASTM C 679-03)
Curing Rate (mm/day)	: Min.2 mm/day (23°C and 50% R.H)
Shore A hardness	: 40 ± 5 Shore A
Elongation	: $> 100\%$ (ASTM D 412)
Tensile strength	: $\geq 0,4 \text{ N/mm}^2$ (ASTM D 412)
Application Temperature	: +5°C to +40°C
Volume shrinkage	: %10-15 (ASTM D 412)

PACKAGE

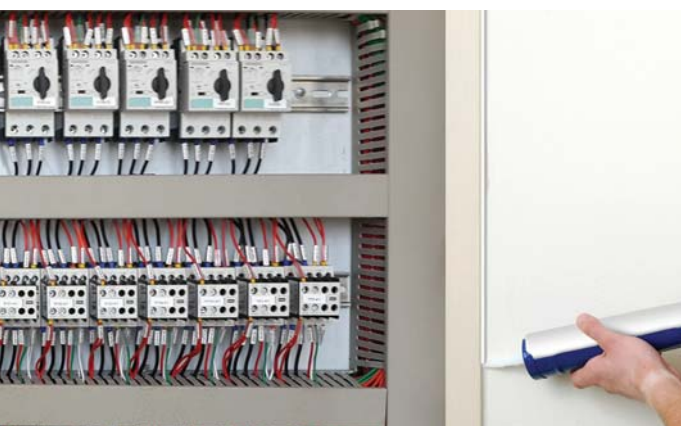
Type	Volume	Box
White	310ml	12
White	400 ml	12
White	600 ml	12
White	Br. 550 g.	12
White	600 ml	12

CERTIFICATES



Fire Class

More than 4 hours
fire resistance
according to
EN 1366-4





INTUMESCENT FIRE RATED NEUTRAL SILICONE SEALANT

Graphite containing one-component neutral grade intumescent silicone sealant designed to protect cable entries by forming a gas and watertight seal. Product cures upon exposure to atmospheric humidity. It expands at high temperatures to prevent the passage of smoke and flames

FEATURES

Flexible and durable. Gas and Water tight. Shows Fire resistance properties. Resistant against Water, Alkaline, Chemical agents. Non corrosive. Solvent free. Shock absorbing. Quick and easy installation.

APPLICATION AREAS

Combustible and non combustible pipes. Cables (single cables or bunches of cables). Seals all know materials; PVC & PE sheathed cables etc. Suitable for any shaped duct. Suitable for all common building materials.

TECHNICAL FEATURES

Basis	: Neutral Silicone	
Density	: 1,25 ±0,03gr/cm ³	(ASTM D 792)
Flow	: 0 mm	(ISO 7390)
Colour	: red-brown-black	
Skin over time	: ± 20 minutes 23°C / 55% R.H.	
Curing	: Min. 3 mm/24h	
Hardness	: 30-35 shore A	
Elongation	: > 100%	(ISO 7389)
Tensile strength	: 1± 0,25 N/mm ²	(ISO 8339)
Operating temperature	: +5°C to +40°C	
Temperature resistance	: -40°C to +120°C	

PACKAGE

Type	Volume	Box
Black	310 ml	12
Grey	310 ml	12
Red	310 ml	12



FIRE RATED SILICONE SEALANT

Fire retardant, elastic, neutral curing silicone sealant that cures upon exposure to atmospheric humidity. Absorbs movements up to 25%.



FEATURES

Flexible and durable. Water, weather and UV resistant. Resistant against Water, Alkaline, Chemical agents. Non corrosive. Solvent free. Air tight sealing. Quick and easy installation.

APPLICATION AREAS

Fire resistant sealing of connection and expansion joints in constructions. All building and glazing joints which require a fire rating. Suitable for all common building materials.

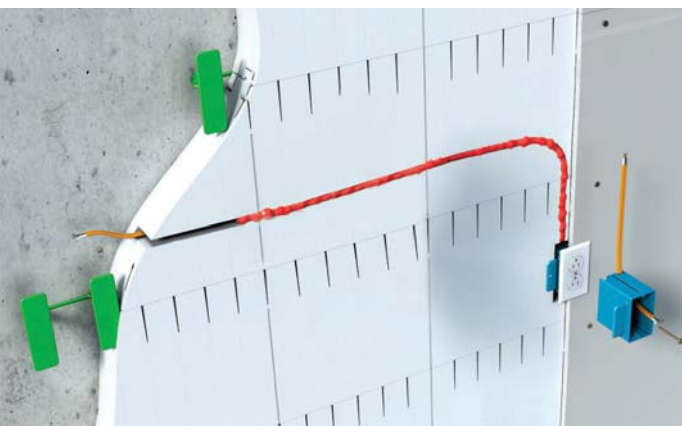
TECHNICAL FEATURES

Basis	: Silicone Polymer (Oxime)	
Density	: 1,20 ± 0,03 g / cm ³	(ASTM D 792)
Sagging	: 0 mm	(ISO 7390)
Skin over time	: 10 ± 5 dakika	(23°C, 50% R.H.)
Curing Rate	: Min. 3 mm/ 24 sa	(23°C, 50% R.H.)
Hardness	: 30 - 35 shore A	
Elongation at break	: ≥ 100%	(ISO 7389)
Tensile Strength	: 1,5-2,0 N/mm ²	(ISO 8339)
Application Temperature	: +5°C to +40°C	
Heat Resistance	: -60 °C to +180°C	

PACKAGE

Type	Volume	Box
White	310 ml	12
White	310 ml	12
White	310 ml	12
White	600 ml	12
White	600 ml	12
White	600 ml	12

Classified as B-s1,d0
according to EN
13501-1:2007
+A1:2009





B1 FIRE RATED PU FOAM STRAW / GUN

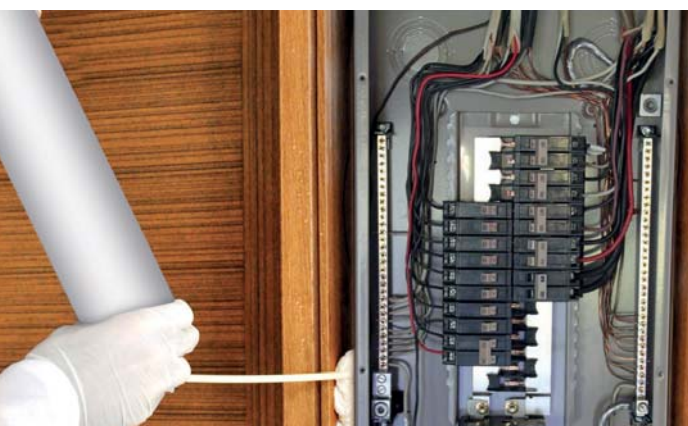
One component, moisture curing, self expanding, ready to use polyurethane foam with propellants which are completely harmless to ozone layer. It has a fire rating of up to 217 minutes in certain configurations.

FEATURES

According to EN 1366-4 fire retardant up to 217 min. Efficient seal against smoke and gas. Does not contain CFC's and H-CFC's. Excellent adhesion & filling capacity. Excellent mounting capacity and stability. High yield up to 45 liters depending on temperature and humidity. Excellent adhesion on most substrates (except Teflon, PE and PP). High filling capacity. High thermal & acoustical insulation value. After cured, it can be painted, cut, trimmed. No shrinkage. Mould and water resistant. Conforms to fire class B1 (DIN 4102).

APPLICATION AREAS

All applications where fire retardant properties are required such as: Installation of door and window frames. Filling and sealing gaps, joints and cavities. Filling of penetrations in walls. Heat insulation of roof construction. Sealing of cable and pipe penetrations. Soundproofing and sealing partition walls. Bonding of insulation materials. Multi-Purpose, adhesion and fixation.



TECHNICAL FEATURES

820

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: $22 \pm 3 \text{ Kg/cm}^3$	(ASTM D1622)
Tack-Free Time (1 cm width)	: $7 \pm 3 \text{ min}$	(ASTM C1620)
Cutting Time (1cm width)	: 30-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: RED	
Yield Volumetric	: 40-45L	(ASTM C1536)
Post Expansion	: 200-250 %	
Shrinkage	: 0%	
Fire Class of the Cured Foam	: B1 (DIN 4102)	
Thermal Conductivity	: $0,036 \text{ W/m.k}$ (at 20°C)	(DIN 52612)
Compression Strength	: $0,03 \text{ MPa}$	(DIN 53421)
Water Absorption	: Max. 1 vol%	(DIN 53428)
Temperature Resistance	: -40°C to $+90^\circ\text{C}$	
Application Temperature	: $+5^\circ\text{C}$ to $+30^\circ\text{C}$	
Can temperature	: $+5^\circ\text{C}$ to $+30^\circ\text{C}$	

820P

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: $19 \pm 3 \text{ Kg/cm}^3$	(ASTM D1622)
Tack-Free Time (1 cm width)	: $7 \pm 3 \text{ min}$	(ASTM C1620)
Cutting Time (1cm width)	: 30-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: RED	
Yield Volumetric	: 55-60	(ASTM C1536)
Post Expansion	: up to 30%	
Shrinkage	: 0 %	
Fire Class of the Cured Foam	: B1	(DIN 4102)
Thermal Conductivity	: $0,036 \text{ W/m.k}$ (at 20°C)	(DIN 52612)
Compression Strength	: $0,03 \text{ MPa}$	(DIN 53421)
Water Absorption	: Max. 1 vol%	(DIN 53428)
Temperature Resistance	: -40°C to $+90^\circ\text{C}$	
Application Temperature	: $+5^\circ\text{C}$ to $+30^\circ\text{C}$	
Can temperature	: $+5^\circ\text{C}$ to $+30^\circ\text{C}$	

PACKAGE

Type	Volume	Box
Summer +5	GW. 850 g.	12
Summer +5	GW. 850 g.	12

CERTIFICATES



Up to 217 minutes
fire resistance
according to
EN 1366-4



B2 FIRE RATED PU FOAM STRAW / GUN

Self-extinguishable aerosol polyurethane foam for filling, sealing and bonding gaps. It is designed for easy dispensing through the straw adapter included to each can and gun adapter.

FEATURES

Rated B2 according to DIN 4102. Excellent adhesion to most building materials. It does not contain any propellant gases that are harmful to the ozone layer. It can be painted after curing. It can be cut and trim.

APPLICATION AREAS

Fixing and insulating of door and window frames. Filling and sealing of gaps, joints and cavities. Filling of penetrations in walls. Insulating electrical outlets and water pipes.

TECHNICAL FEATURES

840

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 22±3 Kg/ cm ³	(ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2 min	(ASTM C1620)
Cutting Time (1cm width)	: 20-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: Light red	
Yield	: 40-45 L	(ASTM C1536)
Fire Class of the Cured Foam	: B2	(DIN 4102)
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Compression Strength	: 0,03 MPa	(DIN 53421)
Water Absorption	: max. 1 vol% (DIN 53428)	
Can Temperature	: min.5°C max. +30°C	
Temperature Resistance	: -40°C to +90°C	
Application Temperature	: +5°C to +30°C	

840P

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 19±3 Kg/ cm ³	(ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2 min	(ASTM C1620)
Cutting Time (1cm width)	: 20-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: Light red	
Yield	: 45-55 L	(ASTM C1536)
Fire Class of the Cured Foam	: B2	(DIN 4102)
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Compression Strength	: 0,03 MPa	(DIN 53421)
Water Absorption	: max. 1 vol% (DIN 53428)	
Can Temperature	: min.5°C max. +30°C	
Temperature Resistance	: -40°C to +90°C	
Application Temperature	: +5°C to +30°C	

PACKAGE

Type	Volume	Box
Summer +5	GW. 850 g.	12
Summer +5	GW. 850 g.	12

CERTIFICATES



Fire Class



High Filling
Capacity



ADHESIVE
PRODUCTS

A woman and a young girl are working together on a wooden table. The woman, wearing a light blue shirt and a dark glove, is leaning over the table. The girl, wearing a white shirt and a dark glove, is sitting at the table and smiling. The background is a bright, modern interior with large windows.

THINK, DESIGN, DEVELOP, PRODUCE

Unique service provided by Marketing,
Design, R&D and Manufacturing processes.
Thinks, designs, develops and manufactures
to make you stronger in competition.



HIGH TACK

AST POLYMER

AST polymer-based, one component, high quality and professional adhesive with high adhesive strength and initial tack. It is suitable for bonding heavy building materials without the use of clamps and/or fixing tape.

FEATURES

High initial tack. Eco-friendly, free from isocyanate, solvent, acids and halogens. Excellent primerless adhesion to numerous porous and non-porous substrates. Excellent elasticity, no bubble formation, waterproof, no shrinkage, over-paintable.

APPLICATION AREAS

It is specially developed as a universal adhesive for bonding various building materials. It is suitable for elastic bonding of panels, profiles and other pieces on the most common substrates such as: stone, concrete, mirrors, glass, plasterboard, PU, PVC, polyester, plastics, enamel, ceramic, copper, lead, zinc, aluminium, metals, R.V.S., wood, HPL and cement fibre panels etc. Common application areas are: Wall cladding elements and ceiling panels. Sound isolation panels (mineral wool, wood-wool cement & plastic foams). Thermal isolation panels (PUR, PIR, PS). Casings and frames in building construction. Wooden and plastic laths, ornaments and frames. Doorsteps, window sills, skirting boards and cover plates. Complete construction elements (such as roofing and facade elements) in frames.



SHORE **A55**

ALL MATERIALS & ALL SURFACES

TECHNICAL FEATURES

Chemical Base	: AST Polymer
Curing System	: Moisture
Density	: 1.49 ± 0.03 gr/ml
Appearance/Color	: Paste, White, Black or Grey
Tack Free	: 15-20 min (23°C and %50 R.H.)
Curing Rate	: Approx. 3,5 mm/ 24 hr (23°C and %50 R.H.)
Sagging (ISO 7390)	: 0 mm
Shore A Hardness (ISO 868)	: 55 ±5
Elongation at Break % (ISO 37)	: ≥ % 300
Volume Loss	: < -%3 (23°C and %50 R.H.)
Tensile Strength (ISO 37)	: 3,0-3,5 N/mm ²
Shear Stress	: 3121-3237 Pa.
Viscosity (Pa.s)	: 3052-3166 Pa.s at 25°C
Viscosity (cps)	: 3052000- 3166000 Cps at 25°C
Heat Resistance	: -40 °C and +90 °C
Application Temperature	: +5 °C and +40 °C

PACKAGE

Type	Volume	Box
White	290 ml	12
Black	290 ml	12
Grey	290 ml	12
White	600 ml	12
Black	600 ml	12
Grey	600 ml	12
White	50 ml	36
White	125 ml	36

CERTIFICATES



"Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168."





FAST & STRONG

AST POLYMER

AST polymer-based, one component, hybrid joint-filling sealant with very high built-up of strength. It does not contain solvent or isocyanate and can be applied for multi purposes.

FEATURES

Very high final strength. Waterproof. Becomes plasto-elastic with air humidity. Eco-friendly, free from isocyanate, solvent, acids and halogens. Over-paintable. No bubble formation. Waterproof. Becomes plasto-elastic with air humidity. No shrinkage. Does not need primer (preliminary test recommended). Excellent elasticity and very good adhesion strength.

APPLICATION AREAS

Sealing and bonding of the most common substrates such as natural stone, hard PVC, concrete, wood, glass, metals etc.



SHORE A65

ALL MATERIALS & ALL SURFACES

TECHNICAL FEATURES

Chemical Base	: AST Polymer
Curing System	: Moisture
Density	: 1.47 ± 0.03 gr/ml
Appearance/Color	: Paste, White
Flow	: > 50 gr/min
Tack Free	: 20-25 min (23°C and %50 R.H.)
Curing Rate	: ~ 2,60 mm/ 24 hr (23°C and %50 R.H.)
Efficiency	: Approx. 10 meters. (For 10 mm width 3mm thickness)
E100 Modulus	: ~ 2,75 N/mm ²
Shore A Hardness	: 70 ±5
Elongation at Break %	: ≥ % 110
Volume Loss	: < -%3 (23°C and %50 R.H.)
Tensile Strength	: 3,30 N/mm ²
Heat Resistance	: -20°C and +80°C
Application Temperature	: +5°C and +35°C

PACKAGE

Type	Volume	Box
White	290 ml	12
Black	290 ml	12
White	600 ml	12
Black	600 ml	12

CERTIFICATES



"Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168."





CURTAIN RAIL ADHESIVE AST POLYMER

Curtain Rail Adhesive is a one component, high quality and professional adhesive with high adhesive strength and initial tack. It is suitable for bonding curtain rails and curtain track systems without the use of clamps and/or fixing tape.

FEATURES

Strong initial grab in seconds; no more extra work power, Positioning and workability time, High strength, Non-sag ; exceptionally thixotropic, Easy to gun, can be easily smoothed, Excellent adhesion on many substrates, Adheres even in wet and humid surfaces.

APPLICATION AREAS

Especially suitable for curtain rails without the use of clamps and/or screws. Cornices, doorsteps, window sills, skirting boards and cover plates. Wooden panels and frames in building construction. In construction elements such as roofing and facade elements



SHORE **A55**

**ALL MATERIALS &
ALL SURFACES**

TECHNICAL FEATURES

Chemical Base	: AST Polymer
Curing System	: Moisture
Density	: 1.49 ± 0.03 gr/ml
Appearance/Color	: Paste, White, Black or Grey
Tack Free	: 15-20 min (23°C and %50 R.H.)
Curing Rate	: Approx. 3,5 mm/ 24 hr (23°C and %50 R.H.)
Sagging (ISO 7390)	: 0 mm
Shore A Hardness (ISO 868)	: 55
Elongation at Break % (ISO 37)	: ≥ % 300
Volume Loss	: < -%3 (23°C and %50 R.H.)
Tensile Strength (ISO 37)	: 3,0-3,5 N/mm²
Shear Stress	: 3121-3237 Pa.
Viscosity (Pa.s)	: 3052-3166 Pa.s at 25°C
Viscosity (cps)	: 3052000- 3166000 Cps at 25°C
Heat Resistance	: -40°C and +90°C
Application Temperature	: +5°C and +40°C

PACKAGE

Type	Volume	Box
White	290 ml	12
White	600 ml	12

CERTIFICATES



"Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168."





XPS, EPS and INSULATION PANELS ADHESIVE PU FOAM (STRAW)

One component aerosol polyurethane adhesive foam curing swiftly with moisture. Providing very fast and powerful adhesion for various construction materials, especially highly recommended for heat insulation systems.

FEATURES

Powerful adhesion of polystyrene heat panels (XPS and EPS). Ready to mechanical fastening in two hours. More economical. Ready to use in aerosol can. Up to 9m² heat insulation panel adhesion for each can. Minimum expansion during drying period. After dried, no further expansion and shrinkage. A lighter material compared to plaster which used in heat insulation systems. No more extra burden or weight to building. Depending on the humidity and temperature.

APPLICATION AREAS

Best for mounting heat insulation panels and filling voids during adhesive application. Also advised for wooden type construction material bonding to concrete, metal etc. Applications needed minimum expansion. Mounting and isolation for frames of windows and doors.

TECHNICAL FEATURES

Basis	: Polyurethane Prepolymer
Curing System	: Moisture cure
Specific Gravity	: 22±3 kg/m ³ (ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2 min (ASTM C1620)
Cutting Time (1cm width)	: 20-45 min (ASTM C1620)
Cure-Time	: 24 hours
Foam Colour	: Light pink
Yield Volumetric	: 40 - 45L (ASTM C1536)
Yield	: = -9 m ²
Elongation at break	: 13,6%
Expanding volume (at wall)	: Minimal
Compression Strength	: 0,03 MPa (DIN 53421)
Tensile Strength	: 12,1 N/ cm ²
Temperature Resistance	: -40°C to +100°C
Application Temperature	: 0°C to +30°C

PACKAGE

Type	Volume	Box
Summer +5	Gw. 350 g.	12
Summer +5	Gw. 570 g.	12
Summer +5	Gw. 900 g.	12

CERTIFICATES





XPS, EPS and INSULATION PANELS ADHESIVE PU FOAM

One component aerosol polyurethane adhesive foam curing swiftly with moisture. Providing very fast and powerful adhesion for various construction materials, especially highly recommended for heat insulation systems.

FEATURES

Powerful adhesion of polystyrene heat panels (XPS and EPS). Ready to mechanical fastening in two hours. More economical. Ready to use in aerosol can. Up to 14m² heat insulation panel adhesion for each can. Minimum expansion during drying period. After dried, no further expansion and shrinkage. A lighter material compared to plaster which used in heat insulation systems. No more extra burden or weight to building. Depending on the humidity and temperature.

APPLICATION AREAS

Best for mounting heat insulation panels and filling voids during adhesive application. Also advised for wooden type construction material bonding to concrete, metal etc. Applications needed minimum expansion. Mounting and isolation for frames of windows and doors.

TECHNICAL FEATURES

Basis	: Polyurethane Prepolymer
Curing System	: Moisture cure
Specific Gravity	: 21±3 kg/m ³ (ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2 min (ASTM C1620)
Cutting Time (1cm width)	: 20-45 min (ASTM C1620)
Cure-Time	: 24 hours
Foam Colour	: Light pink
Shear Strength	: 82 kgf/cm ²
Yield Volumetric	: 45-55 L (ASTM C1536)
Yield	: Up to 14 m ²
Expanding volume	: % Max.10
Thermal Conductivity	: 0,036 W/m.k (at 20°C) (DIN 52612)
Compression Strength	: 0,03 MPa (DIN 53421)
Water Absorption	: max. 1 vol% (DIN 53428)
Temperature Resistance	: -40°C to +100°C
Application Temperature	: 0°C to +30°C

PACKAGE

Type	Volume	Box
Summer +5	Gw. 900 g.	12
Summer +5	Net 680 Gr.	12

CERTIFICATES





COMBO ADHESIVE PU FOAM

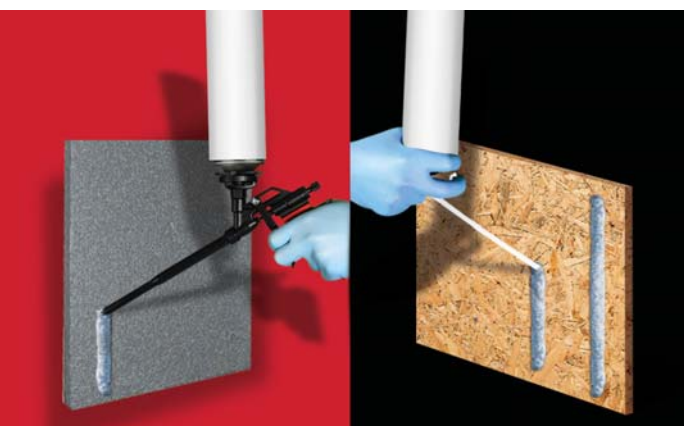
One component aerosol polyurethane adhesive foam curing swiftly with moisture. Providing very fast and powerful adhesion for various construction materials, especially highly recommended for heat insulation systems. It can be used with an applicator gun and straw adapter features higher yield, easier application and reusability. It does not contain any propellant gases which are harmful to the ozone layer.

FEATURES

Powerful adhesion to polystyrene heat panels (XPS and EPS). Provides high thermal insulation with excellent adhesion and filling properties, Instant adhesion and wall plugging within two hours, More economical. Ready to use in aerosol can, Economical consumption thanks to precise application with gun and straw adapter, Provides stronger adhesion with straw adapter, Up to 14 m² heat insulation panel adhesion for each can, Minimum expansion during drying period with gun application, After dried, no further expansion and shrinkage, A lighter material compared to mortar, used in heat insulation systems, No more extra burden or weight to building, High yield up to 55 liters, depending on the humidity and temperature, Usable at low temperatures like 0 °C, It does not contain any propellant gases which are harmful to the ozone layer.

APPLICATION AREAS

Best for mounting heat insulation panels and filling voids during adhesive application, Advised for wooden type construction materials adhesion to concrete, metal etc. Applications which needed minimum expansion, Mounting and isolation for frames of windows and doors.



TECHNICAL FEATURES

Gun Application

Basis	: Polyurethane Prepolymer
Curing System	: Moisture cure
Specific Gravity	: 21±3 Kg/ m ³ (ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2 min (ASTM C1620)
Cutting Time (1cm width)	: 20-45 min (ASTM C1620)
Cure-Time	: 24 hours
Foam Colour	: pink
Shear Strength	: 7,6 N/cm ²
Yield	: 50-55 L (ASTM C1536)
Metric Yield	: ≈ 14 m ²
Expanding volume	: Minimum
Shrinkage	: < %5
Thermal Conductivity	: 0,036 W/m.k (at 20°C) (DIN 52612)
Compression Strength	: 0,030 MPa (DIN 53421)
Water Absorption	: max. 1 vol% (DIN 53428)
Temperature Resistance	: -40°C to +100°C
Can Temperature	: min.5°C max. +30°C
Application Temperature	: 0°C to +30°C

The results were obtained by providing optimum environmental conditions.

Straw Application

Basis	: Polyurethane Prepolymer
Curing System	: Moisture cure
Specific Gravity	: 22±3 Kg/ m ³ (ASTM D1622)
Tack-Free Time (1 cm width)	: 7±2 min (ASTM C1620)
Cutting Time (1cm width)	: 20-45 min (ASTM C1620)
Cure-Time	: 24 hours
Foam Color	: Pink
Shear Strength	: 8,3 N/cm ²
Yield	: 45-50 L (ASTM C1536)
Metric Yield	: ≈ 9 m ²
Expanding volume	: 200-240%
Shrinkage	: < %5
Thermal Conductivity	: 0,036 W/m.k (at 20°C) (DIN 52612)
Compression Strength	: 0,035 MPa (DIN 53421)
Water Absorption	: max. 1 vol% (DIN 53428)
Temperature Resistance	: -40°C to +100°C
Can Temperature	: min.5°C max. +30°C
Application Temperature	: 0°C to +30°C

The results were obtained by providing optimum environmental conditions.

PACKAGE

Type	Volume	Box
COMBO	900 gr	12



ROOF & TILE PU ADHESIVE

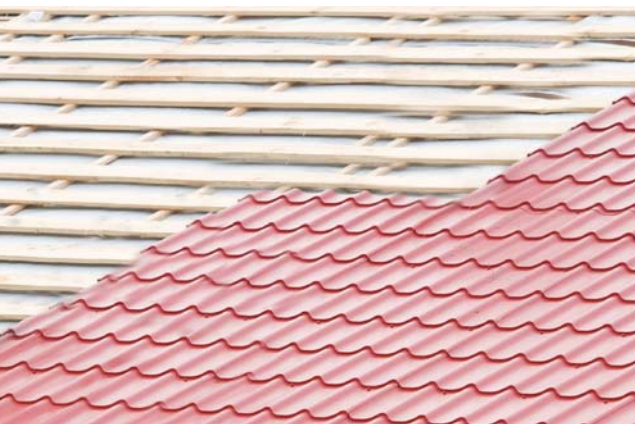
One component aerosol polyurethane adhesive foam curing swiftly with moisture and specifically formulated for laying roofing tiles, thanks to its characteristics of greater mechanical strength and adhesion to concrete and brick and insulating materials such as polystyrene and cork.

FEATURES

Powerful adhesion of roofing tiles. Instant adhesion and roof fixing within two hours. Exceptional resistance to wear and to the action of the wind. Not form thermal bridges, thanks to the excellent thermal insulation. Thanks to its modern chemical formulation, it is highly thixotropic. More economical. Ready to use in aerosol can. Up to 14 m² roofing tile adhesion for each can. Minimum expansion during drying period. After dried, no further expansion and shrinkage. No more extra burden or weight to building. High yield up to 55 liters, depending on the humidity and temperature.

APPLICATION AREAS

Used best for laying of tiles and tiles construction of insulation on roof repair and consolidation of roofing. Laying wooden elements and insulation panels for thermal and acoustic insulation purposes. Seals and fittings in general where minimum expansion is needed. Mounting and isolation for frames of windows and doors.



TECHNICAL FEATURES

Basis	: Polyurethane Prepolymer
Curing System	: Moisture cure
Specific Gravity	: 21±3 kg/m ³ (ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2 min (ASTM C1620)
Cutting Time (1cm width)	: 20-45 min (ASTM C1620)
Cure-Time	: 24 hours
Foam Colour	: Light pink
Shear Strength	: 82 kgf/cm ²
Yield volumetric	: 45-55 L (ASTM C1536)
Yield	: Up to 14 m ²
Expanding volume	: % Max.10
Thermal Conductivity	: 0,036 W/m.k (at 20°C) (DIN 52612)
Compression Strength	: 0,03 MPa (DIN 53421)
Water Absorption	: max. 1 vol% (DIN 53428)
Temperature Resistance	: -40°C to +100°C
Application Temperature	: 0°C to +30°C

PACKAGE

Type	Volume	Box
Summer +5	Gw. 570 g.	12
Summer +5	Gw. 900 g.	12



CONCRETE STONE & BRICK PU ADHESIVE

Professional type, gun grade, ready to use adhesive foam. Specially designed to bond construction elements like aerated blocks and different kind of bricks.

FEATURES

One component, fast curing, easy to use adhesive foam. Bonding blocks and stones during construction works. Powerful adhesion to concrete and stone variations. Suitable to use at interior and exterior applications. Remarkable resistance to weather conditions. Doesn't form thermal bridges, thanks to the excellent thermal insulation. More economical, practical and easy to use. Minimum expansion during drying period. After dried, no further expansion or shrinkage. No more extra burden or weight to building. Usable at low temperature like 0°C. It does not contain any propellant gases which are harmful to the ozone layer.

APPLICATION AREAS

Bonding structural blocks of non-bearing interior walls. For use where fixed, permanent positioning of stone or concrete products is desired. Concrete pavers/slabs. Segmental retaining walls and columns. Cast stone copings. Landscape blocks and bricks. Polystyrene foam board. Cellular lightweight concrete elements. Ornamental precast. Natural & manufactured stone. Brick, aerated block, cinder block, bims block, gypsum block and gypsum panel bonding. Applications where minimum expansion is needed. Mounting and isolation for frames of windows and doors.



TECHNICAL FEATURES

Basis	: Polyurethane Prepolymer
Curing System	: Moisture Cure
Tack-Free Time	: 5-8 min (ASTM C1620)
Cure-Time	: 24 hours
Foam Color	: Light Yellow
Metric yield	: 120 meters in (1.3 cm) bead
Shelf life	: 12 months
Fire Class of the Cured Foam	: B3 (DIN 4102-1)(EN 13501-1)
Shear Bond Strength	: >12 MPa
Temperature Resistance	: -40°C to +90°C
Application Temperature	: +5°C to +30°C

PACKAGE

Type	Volume	Box
Summer +5	Gw. 900 g.	12
Summer +5	Gw. 570 g.	12

CERTIFICATES





SUBFLOOR PU ADHESIVE

One-component, premium, polyurethane-based new generation adhesive formulated for floor joists, subflooring, trusses, particle board, OSB and decks. Subfloor Adhesive provides superior adhesion to lumber, plywood, concrete, metals, masonry and other substrates even if they are frozen or slightly damp.

FEATURES

Its revolutionary high yield – replaces up to 25 standard 280 ml cartridges of traditional caulk adhesive. Extremely strong bond. Adheres to dry, wet, treated and frozen lumber. Reduces nail pops, call backs and squeaks. Saves application time and money. Provides thermal and sound insulation.

APPLICATION AREAS

Many construction application on lumber, plywood, concrete, metals, masonry, steel, metals, fiberglass and more. Bonding floor joists, subflooring, trusses and other wood floor sheathing.



TECHNICAL FEATURES

Basis	: Polyurethane Prepolymer
Curing System	: Moisture Cure
Tack-Free Time	: 5-8 min (ASTM C1620)
Cure-Time	: 24 hours
Foam Color	: Light Yellow
Metric yield	: 120 meters in (1.3 cm) bead
Shelf life	: 12 months
Fire Class of the Cured Foam	: B3 (DIN 4102-1)(EN 13501-1)
Shear Bond Strength	: >12 MPa
Temperature Resistance	: -40°C to +90°C
Application Temperature	: +5°C to +30°C

PACKAGE

Type	Volume	Box
Summer +5	Gw. 570 g.	12
Summer +5	Gw. 900 g.	12



FAST ADHESIVE

Professional type, gun grade, ready to use product. It is used for fast and strong bonding of all kinds of construction materials, especially thermal insulation boards. Within 60 seconds, initial adhesion occurs and adheres securely after 5 minutes.

FEATURES

One component, fast curing, easy to use adhesive foam. 30-40% saves time, because it can be cured and applied quickly according to other insulating processes. It is 30-40% more economical than other insulation processes. Up to 14 m² heat insulation panel (EPS, XPS) adhesion for each can. Powerful adhesion to polystyrene heat insulating panels (XPS and EPS) and other construction materials. Provides initial adhesion within 60 seconds. It allows the connection of the heat insulating panels within an average of 30 minutes. Suitable to use at interior and exterior applications. Remarkable resistance to weather conditions. Usable at low temperature like -6 °C. It does not contain any propellant gases which are harmful to the ozone layer. Fire class B3 according to DIN 4102-1.

APPLICATION AREAS

Mounting large insulation/finishing boards. Bonding structural blocks of non-bearing interior walls. For use where fixed, permanent positioning of stone or concrete products is desired. Mounting decorative elements. Concrete pavers/slabs. Segmental retaining walls and columns. Cast stone copings. Landscape blocks and bricks. Polystyrene foam boards. Cellular lightweight concrete elements. Ornamental precasts. Natural & manufactured stones. Brick, aerated block, cinder block, bims block, gypsum block and gypsum panel bonding. Applications where minimum expansion is needed.



TECHNICAL FEATURES

Basis	: Polyurethane	
Curing System	: Moisture Cure	
Specific Gravity	: 21 ± 3 kg/m ³	(ASTM D1622)
Tack-Free Time (1 cm width)	: 2 ± 0.5 min.	(ASTM C1620)
Cutting Time (1cm width)	: 10-15 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Color	: Yellowish/Beige	
Fire Class of the Cured Foam	: B3 (DIN 4102-1)(EN 13501-1)	
Expanding Volume (at wall)	: Minimal	
Yield	: Up to 14m ²	
Thermal Conductivity	: 0,036 W/m.K (20°C)	(DIN 52612)
Compression Strength	: 0,030 MPa	
Shear Strength	: 15,5 N/ cm ²	
Temperature Resistance	: -40°C to +100°C	
Application Temperature	: -6 °C to +30°C	

PACKAGE

Type	Volume	Box
Fast Curing Adhesive Pu Foam	750 ml/850gr	12





NO NAIL PU MONTAGE ADHESIVE

One-component, fast curing polyurethane based adhesive. Thanks to its bonding capability to all common building materials with high bond strength, you will no longer need nail or screw.

FEATURES

Low press time. Extremely high bond strength on various substrates such as wood, MDF, concrete. Fast curing. Good filling properties. Thixotropic, non-sag, ideal for vertical joints. Easy to use. Nonshrinking. Excellent resistance to moisture and weather conditions. Solvent-free. Usable in slightly wet substrates.

APPLICATION AREAS

It is suitable for use in construction and repair applications where a permanent strong bond is required between porous-porous and porous-nonporous surfaces. It can be used for bonding to various kinds of construction materials such as wood, MDF, concrete, metal, polystyrene and polyurethane foam, marble, granite and ceramic etc.

TECHNICAL FEATURES

Basis	: Polyurethane prepolymer
Density	: 1.30 ± 0.03 gr/ml
Tack-Free Time	: 5 – 10 min. (at 23°C and %50 R.H.)
Consistency	: Thixotropic
Shrinkage	: None
Pressing Time	: 15 – 20 min.*
Temperature Resistance	: -20 °C to +70 °C
Application Temperature	: +5 °C to +35 °C
Maximum Shear Strength	(beech-beech)
After 15 min	: > 35 kgf/cm ²
After 24 hours	: > 70 kgf/cm ²

PACKAGE

Type	Volume	Box
Plastic Cartridge	310 ml	12



Waterproof



ARTIFICIAL TURF BOND ADHESIVE

Rapid curing polyurethane foam adhesive which can be applied by gun..

FEATURES

A special product which is transforming with collapsing from foam form to gel adhesive form in a couple of seconds after application. One component, fast curing, easy to use adhesive foam. Powerful adhesion to porous surfaces. More economical, practical and easy to use. Minimum expansion during drying period. Usable at low temperature like +5°C. It does not contain any propellant gases which are harmful to the ozone layer.

APPLICATION AREAS

It is used for bonding artificial grass rolls.

TECHNICAL FEATURES

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture Cure	
Tack-Free Time	: 5-8 min	(ASTM C1620)
Full Cure-Time	: 24 hours	
Foam Color	: Green	
Metric yield	: 120 meters in 1,3 cm bead (23°C %50 R.H.)	
Fire Class of the Cured Foam	: B3, F (DIN 4102-1)(EN 13501-1)	
Temperature Resistance	: -40°C to +90°C	
Application Temperature	: +5°C to +30°C	

PACKAGE

Volume	Box
750 ml	12





ARTIFICAL TURF BOND

Single component, polyurethane based adhesive specifically designed for bonding of synthetic turf of sports and landscaping field installations.

FEATURES

Provides excellent green strength. Excellent bonds synthetic turf to membrane. Suitable for both indoor and outdoor applications. Water resistant when cured. Paste like consistency. One component, no mixing required.

APPLICATION AREAS

Interior and exterior synthetic turf installations. Landscaping applications of synthetic turf. Synthetic sports field installations.

TECHNICAL FEATURES

Basis	: Polyurethane prepolymer
Density	: 1.09 ± 0.03 gr/ml
Solid Content	: 100%
Skin Formation Time	: 20 – 25 min. (at 23°C and %50 R.H.)
Working Time*	: 30-40 min. (at 23°C and %50 R.H.)
Consistency	: Thixotropic
Shrinkage	: None
Temperature Resistance	: -20°C to +70°C
Application Temperature	: +5°C to +35°C

PACKAGE

Type	Color	Volume	Box
Cartridge	Green	310ml	12
Sausage	Green	600ml	12





Aluminium Cartridge

Plastic Cartridge

PU EXPRESS MONTAGE ADHESIVE (TRANSPARENT)

One-component, fast curing polyurethane based adhesive. It combines high bond strength with fast curing. It's used to bond almost all common building materials.

FEATURES

Fast curing. Low press time. Transparent. Extremely high bond strength on numerous substrates. Thixotropic, non-sag, ideal for vertical joints. Low consumption, economical. Good filling properties. Conforms to D4 according to DIN EN 204. Easy to use. Very good resistance to chemicals. Excellent resistance to moisture and weather conditions. Nonshrinking. Low odour. Usable in slightly wet substrates.

APPLICATION AREAS

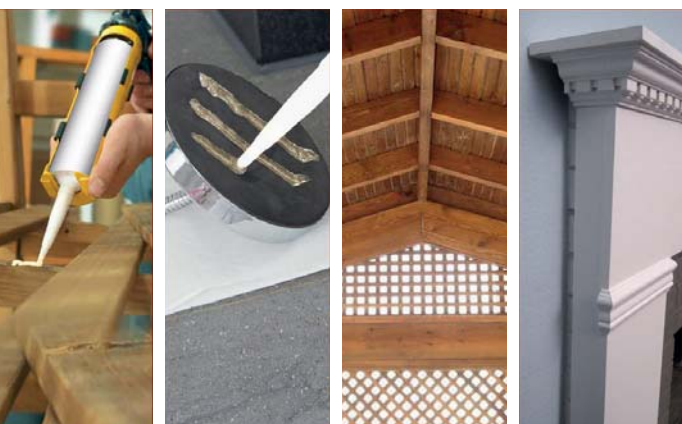
It is suitable for use in construction and repair applications where a permanent strong bond is required between porous-porous and porous-nonporous surfaces. It can be used for bonding to various kinds of construction materials such as wood, MDF, concrete, metal, polystyrene and polyurethane foam, marble, granite and ceramic etc.

TECHNICAL FEATURES

Basis	: Polyurethane prepolymer
Color	: Transparent
Density	: 1.13 ± 0.03 gr/ml
Tack-Free Time	: 5 – 10 min. (at 23°C and %50 R.H.)
Consistency	: Thixotropic
Consumption	: Approx. 150 g/m ²
Shrinkage	: None
Pressing Time	: 15 – 20 min.*
Temperature Resistance	: -20°C to +80°C
Application Temperature	: +5 °C to +35 °C
Maximum Shear Strength	(beech-beech)
After 15 min	: > 50 kgf/cm ²
After 24 hours	: > 100 kgf/cm ²
After 7 days	: ≈ 120 kgf/cm ² (DIN EN 205)
After 7 days at 80°C	: ≈ 100 kgf/cm ² (WATT 91)

PACKAGE

Type	Volume	Box
Aluminium Cartridge	310 ml	12
Plastic Cartridge	310 ml	12
Aluminium Tube	50 ml	30



Waterproof





ALUMINUM CORNER JOINT PU EXPRESS

One-component, fast curing polyurethane based adhesive with high adhesion properties which is exclusively developed for bonding aluminum corner angles, along with all kinds of aluminum materials in building material's corner joint applications.

FEATURES

Perfect bonding capability to aluminum surfaces. Low pressing time. Easy to use both in vertical and horizontal surfaces with non-sag properties. Low consumption, economical. Not effected by the moisture. Resistant to weather conditions and chemicals. For both interior and exterior usage. Also provides good adhesive strength with various substrates.

APPLICATION AREAS

Aluminum brackets, doors and windows. Bonding of aluminum materials to most common substrates like, wood, MDF, concrete, metal, polystyrene and polyurethane foam, PVC, granite. Marble, ceramic. Also can be used for bonding most building materials.

TECHNICAL FEATURES

Basis	: Polyurethane prepolymer
Color	: Aluminium
Density	: 1.13 ± 0.03 gr/ml
Tack-Free Time	: 5 – 10 min. (at 23°C and %50 R.H.)
Consistency	: Thixotropic
Shrinkage	: None
Pressing Time	: 15 – 20 min.*
Temperature Resistance	: -20°C to +70 °C
Application Temperature	: +5 °C to +35 °C
Maximum Shear Strength	(beech-beech)
After 15 min	: > 50 kgf/cm ²
After 24 hours	: > 80 kgf/cm ²



PACKAGE

Type	Volume	Box
Plastic Cartridge	310 ml	12



Waterproof



POWER CLASSIC MOUNTING ADHESIVE

Colourless synthetic rubber based assembly adhesive recommended for different mounting and finishing jobs, particularly where a transparent and durable joint is required

FEATURES

Transparent joint. High bonding strength. Excellent adhesive properties. Indoor & Outdoor. Flexible bond to respond to building movement.

APPLICATION AREAS

Bonding different materials (one to another or in any combination), including: stone, brick, concrete, plaster, glass, wood, drywall, mineral and glass wool, most plastics, metal, ceramics, MDF and other. Recommended for bonding skirting boards, panels, wooden or plastic boards, ceramic tiles, hard PVC, glass, metal and metal plates with many type of surface used in construction where nailing is not desirable

TECHNICAL FEATURES

Basis	: Synthetic Rubber
Density	: ISO 1183-1 0,90 ± 0,05 g/ml
Working time	: Internal (23 °C and 50% R.H) 10-15 min
Solid Content	: 60% ±3
Full hardening time	: Internal (23 °C and 50% R.H) 70-100 hours
Application Temperature	: Between +10 °C and 30 °C



PACKAGE

Colour	Volume	Box
Transparent	280 ml	12



ACRYLIC MONTAGE ADHESIVE (Instant Grab)

Water-based adhesive used for bonding numerous building materials. It is particularly suitable for DIY users due to solvent-free content and high bonding strength.

FEATURES

Acrylic dispersion based. Good gap-filling capacity on rough surfaces. Suitable for both indoor and outdoor applications. Weatherproof. Over paintable. Low odour. Solvent-free.

APPLICATION AREAS

Bonding materials such as wood, non-polished stones, concrete, plaster, tiles, panels, synthetic building materials etc. Mounting wooden construction elements, wood and plaster panels, plaster ornaments. Mounting decorative wooden trimmings. Repairing cracks in plaster. Quick repairs on walls and plaster. Suitable surfaces: MDF, Particleboard, Wood, Polystyrene foam, Concrete, Masonry, Tile, Ceramic, Stone, Plasterboard.

TECHNICAL FEATURES

Basis	: Acrylic dispersion
Density	: $1.70 \pm 0.03 \text{ gr/cm}^3$ (ASTM D 1875)
Tack-Free Time	: 30-40 minutes (at 25 °C and %50 R.H.) (ASTM C 679)
Curing Rate	: 1-2 mm/day (at 25 °C and %50 R.H.)
Temperature Resistance	: -10°C to +80°C
Application Temperature	: +5°C to +40°C
Maximum Shear Strength	: (beech-beech)
After 6 hours	: $> 25 \text{ kgf/cm}^2$
After 24 hours	: $> 50 \text{ kgf/cm}^2$

PACKAGE

Type	Volume	Box
Cartridge	310 ml	24





FLEXI NAIL MOUNTING ADHESIVE

Synthetic rubber based assembly adhesive recommended for different mounting and finishing jobs

FEATURES

High bonding strength. Excellent adhesive properties. Indoor & Outdoor. Flexible enough to respond to building movement.

APPLICATION AREAS

Bonding different materials (one to another or in any combination), including: stone, brick, concrete, plaster, glass, wood, drywall, mineral and glass wool, most plastics, metal, ceramics, MDF and others. Recommended for bonding skirting boards, panels, wooden or plastic boards, ceramic tiles, hard PVC, glass, metal and metal plates with many type of surface used in construction where nailing is not desirable

TECHNICAL FEATURES

Basis	: Synthetic Rubber	
Density	: ISO 1183-1	1,35 ± 0,05 g/ml
Working time	: Internal (23 °C and 50% R.H)	10-15 min
Solid Content	: 76% ±3	
Full hardening time	: Internal (23 °C and 50% R.H)	70-90 hours
Application Temperature	: Between +10 °C and 30 °C	

PACKAGE

Colour	Volume	Box
Transparent	280 ml	12





UNIVERSAL WOOD ADHESIVE

A single component, fast curing, polyurethane based special adhesive foam. Provides high bonding strength and fast curing properties. Designed for bonding wooden types, brick, aerated block, stone, natural stone etc. construction elements.

FEATURES

A special product which is transforming with collapsing from foam form to gel adhesive form in a couple of seconds after application. One component, fast curing, easy to use. Extremely high bond strength on wood, concrete and stone variations. Suitable to use at interior and exterior applications. Conforms to D4 according to DIN EN 14257 (WATT 91). According to internally tests. Low press time. Just 15 minutes. Low consumption, economical. Remarkable resistance to weather conditions. More economical, practical and easy to use. Minimum expansion during drying period. Usable at low temperature like +5 °C. It does not contain any propellant gases which are harmful to the ozone layer.

APPLICATION AREAS

To bond wooden types. MDF, Chipboard, Plywood, Laminate, OSB etc. At furniture production, wooden door-window production, wooden construction element bonding and decorative material bonding applications. As a Marine Adhesive, Montage Adhesive and PU Wood Glue. Bonding structural blocks of non-bearing interior walls at construction. For use in construction and repair applications where a permanent strong bond is required between porous-porous and porous-nonporous surfaces. Usable at; Concrete pavers/slabs, Segmental retaining walls and columns, Cast stone copings, Landscape blocks and bricks, Polystyrene foam board, Cellular lightweight concrete elements, Ornamental precast, Natural & manufactured stone, Brick, aerated block, cinder block, bims block, gypsum block and gypsum panel bonding.

TECHNICAL FEATURES

Basis	: Polyurethane Prepolymer
Curing System	: Moisture Cure
Tack-Free Time	: 5-8 min (ASTM C1620)
Full Cure-Time	: 24 hours
Foam Color	: Light Yellow
Metric yield	: 71 meters in (1 cm) bead (23°C %50 R.H.)
Fire Class of the Cured Foam	: B3, F (DIN 4102-1)(EN 13501-1)
Pressing Time	: 15 – 20 min.*
Shear Strength (beech-beech)	
After 15 min	: > 100 kgf/cm ²
After 24 hours	: > 130 kgf/cm ²
After 7 days	: > 160 kgf/cm ²
Temperature Resistance	: -40°C to +90°C
Application Temperature	: +5°C to +30°C

PACKAGE

Volume	Package
400 ml	12



Waterproof





ALL BOND GLUE

A versatile PU based glue that gets activated by the water and expands throughout the materials and reaches even to its tiny details to form an incredibly strong bonding.

FEATURES

Virtually bonds everything. 100% waterproof; outdoor elements are no problem. Temperature resistant; holds through hot and cold temperatures. Incredibly strong bonding; expands into materials to form strong bonding. Low-foaming. Fire Resistant.

APPLICATION AREAS

Easily bonds wood, stone, metal, ceramic, foam, glass, concrete and much more! All bonding applications that requires a high water resistance and fire retardant properties.

TECHNICAL FEATURES

Basis	: Polyurethane Prepolymer
Color	: Beige-Yellowish
Curing system	: Moisture curing
Density	: 1,10 g/ml $\pm$ 0,01 (ASTM D1875)
Viscosity	: 20 °C 10000-15000 cp cps at 20°C
Tack-Free time	: Approx 1 h (23 °C and 50% R.H.) (ASTM C679)
Maximum Shear Strength	: After 15 min: > 50 kgf/cm ²
After 24 hours	: > 70 kgf/cm ²
Consumption	: Approx. 150 ml/m ²
Compression time	: Min. 2 hours*
Water resistant class	: D4 (DIN EN 204)
Fire classification	: E (EN 13501-1)
Temperature resistance	: -30 °C to +100 °C
Application Temperature	: +5 °C to +35 °C



PACKAGE

Volume	Package
400 ml	24



Waterproof



PU EXPRESS CONSTRUCTION ADHESIVE

A polyurethane based adhesive used in construction and buildings to bond different substrates with high adhesion strength. Cures in 24 hours in both exterior and interior application.

FEATURES

Suitable for wide range of construction materials. Usable in both exterior and interior areas. Low press time of 15 minutes. Low consumption, economical. Not effected by the moisture. Resistant to weather conditions and chemicals. No odor.

APPLICATION AREAS

In construction, restoration, repair and decoration works. With wide range of porous and non-porous material like wood, plywood, concrete, brick, PVC, granite, marble, natural stone, glass, polycarbonate, metal, ceramic etc. Also good for mounting isolation, decorative polystyrene and wall panels.

TECHNICAL FEATURES

Basis	: Polyurethane prepolymer
Density	: 1.30 ± 0.03 gr/ml
Tack-Free Time	: 5 – 10 min. (at 23°C and %50 R.H.)
Consistency	: Thixotropic
Shrinkage	: None
Pressing Time	: 15 – 20 min.*
Temperature Resistance	: -20°C to +70 °C
Application Temperature	: +5 °C to +35 °C
Maximum Shear Strength	(beech-beech)
After 15 min	: > 35 kgf/cm ²
After 24 hours	: > 70 kgf/cm ²

PACKAGE

Type	Volume	Box
Plastic Cartridge	310 ml	12



Waterproof





PEDESTAL ADHESIVE

Single component, polyurethane based adhesive particularly designed for installation of access flooring systems.

FEATURES

Provides excellent green strength, Bonds Metal to Concrete, Suitable for both indoor and outdoor applications, Water resistant when cured, Excellent gap-filling properties, Paste like consistency, One component, no mixing required, Good adhesion on concrete, chipboards, plywood, fiber reinforced gymnasium and cement boards

APPLICATION AREAS

Suitable for adhesion of raised access floor pedestals to floors. Suitable on metal, concrete, chipboards, plywood, fiber reinforced gymnasium and cement boards.

TECHNICAL FEATURES

Basis	: Polyurethane prepolymer
Density	: 1.42 ± 0.03 gr/ml
Tack-Free Time	: 15 ± 5 min. (at 23°C and %50 R.H.)
Consistency	: Thixotropic
Pressing Time	: 30 min.
Shrinkage	: None
Temperature Resistance	: -20°C to +70 °C
Application Temperature	: +5 °C to +35 °C



PACKAGE

Type	Volume	Box
Plastic Cartridge	310 ml	12



Waterproof



NO NAIL HIGH INITIAL TACK

Single component, polyurethane based adhesive particularly suitable for the jobs that require high initial tack and green strength.

FEATURES

High Tack. Good wet tack. Provides excellent green strength. Suitable for both indoor and outdoor applications. Thixotropic, non-sag, ideal for vertical joints. Low consumption, economical.

APPLICATION AREAS

Suitable on surfaces such as wood, particleboard, wood, polystyrene foam, concrete, masonry, tile, ceramic, stone, plasterboards. Mounting wooden construction elements, wood and plaster panels, plaster ornaments and decorative wooden trimmings.

TECHNICAL FEATURES

Basis	: Polyurethane prepolymer
Density	: 1.44 ± 0.03 gr/ml
Tack-Free Time	: 15± 5 min. (at 23°C and %50 R.H.)
Consistency	: Thixotropic
Shrinkage	: None
Pressing Time	: 30 mins.*
Temperature Resistance	: -20°C to +70°C
Application Temperature	: +5°C to +35°C
Maximum Shear Strength (beech-beech)	
After 24 hours	: > 70 kgf/cm ²

PACKAGE

Type	Volume	Box
Plastic Cartridge	310 ml	12

CERTIFICATES



"Conforms to the requirements of VOC content specifications in LEED credit E0c4.1 "Low-emitting products" of SCAQMD rule 1168."



Waterproof





PU EXPRESS WOOD ADHESIVE

One-component polyurethane based moisture resistant adhesive which is suitable for use in bonding any kind of wood including moisturized wood. It is advantageous in the areas of general wood bonding, window and door frame, door, furniture, ship and stairs production with its high adhesive strength and fast curing capabilities.

FEATURES

Moisture and weather resistant after cured. D4 water resistance class according to DIN EN 204. Fast curing but also gives the ability to make adjustments. Low press time. Low consumption, economical. It can be used on slightly damp surfaces. Usable in both vertical and horizontal surfaces cause of its non-slump properties. Provides chemical resistance. One component, easy to use and dispose. Transparent. No odor.

APPLICATION AREAS

A premium choice for moisturized areas. In every kind of wood work; from furniture to marine industry and to window and door frame, door and stairs production. Useable with wide range of porous and non-porous material like wood, plywood, concrete, brick, PVC, granite, marble, natural stone, glass, polycarbonate, metal, ceramic etc. Also good for mounting isolation, decorative polystyrene and wall panels.

TECHNICAL FEATURES

Basis	: Polyurethane prepolymer
Density	: 1.30 ± 0.03 gr/ml
Tack-Free Time	: 5 - 10 min. (at 23°C and %50 R.H.)
Consistency	: Thixotropic
Shrinkage	: None
Pressing Time	: 15 - 20 min.*
Temperature Resistance	: -20°C to +70°C
Application Temperature	: +5°C to +35°C
Maximum Shear Strength (beech-beech)	
After 15 min	: > 50 kgf/cm ²
After 24 hours	: > 80 kgf/cm ²

PACKAGE

Type	Volume	Box
Plastic Cartridge	310 ml	12

CERTIFICATES



Waterproof





PUR WOOD GLUE

One-component, fast curing liquid polyurethane adhesive. It possesses high water resistance and bonding strength.

FEATURES

Easy application, low viscosity. High bond strength. Water resistant (D4-DIN EN204). Can be used on slightly humid surfaces. Resistant to temperature extremes. Resistant to moisture and chemicals.

APPLICATION AREAS

Fixing and gluing wooden elements to other various porous and non-porous elements as wood, metal, concrete, polystyrene foam etc. Furniture and boat production. All bonding applications that need a high water resistance.



TECHNICAL FEATURES

Basis	: Polyurethane prepolymer
Color	: Light brown
Curing system	: Moisture curing
Density	: 1,10 g/ml $\pm$ 0,05 (ASTM D1875)
Viscosity	: 5000-15000 cp cps at 20°C (Spindle No 4, 12 rpm)
Tack-Free time	: 25-50 min (23 °C and 50% R.H.) (ASTM C679)
Consumption	: Approx. 150 ml/m ²
Compression time	: Min. 2 hours*
Water resistant	: Excellent (D4-DIN EN204)
Temperature resistance	: -30 °C to +100 °C
Application Temperature	: +5 °C to +35 °C

PACKAGE

Type	Volume	Box
Plastic Bottle	Gw. 150 gr.	48
Plastic Bottle	Gw. 650 gr.	12
Plastic Bottle	Gw. 560 gr.	12
Plastic Bottle	Gw. 500 gr.	12
Metal Bucket	Net 6 kg.	1
Metal Bucket	Net 25 kg.	1



Waterproof



FAST CURE PUR WOOD GLUE

One-component, fast curing liquid polyurethane adhesive. It possesses high water resistance and bonding strength.

FEATURES

Easy application, low viscosity. High bond strength. Fast drying. Water resistant (D4-DIN EN 204). Can be used on slightly humid surfaces. Resistant to temperature extremes. Resistant to moisture and chemicals.

APPLICATION AREAS

Fixing and gluing wooden elements to other various porous and non-porous elements as wood, metal, concrete, polystyrene foam etc. Furniture and boat production. All bonding applications that need a high water resistance.



TECHNICAL FEATURES

Basis	: Polyurethane prepolymer
Curing system	: Moisture curing
Colour	: Light brown
Density	: 1,10 g/ml $\pm$ 0,05 (ASTM D1875)
Viscosity	: 5000-15000 cp cps at 20°C (Spindle No 4, 12 rpm)
Tack-Free time	: 5-15 min. (23 °C and 50% R.H.) (ASTM C679)
Consumption	: Approx. 150 ml/m ²
Compression time	: At least 15 min*
Water resistant	: Excellent (D4-DIN EN204)
Temperature resistance	: -30 °C to +100 °C
Application Temperature	: +5 °C to +35 °C

PACKAGE

Type	Volume	Box
Plastic Bottle	Gw. 150 gr.	48
Plastic Bottle	Gw. 250 gr.	24
Plastic Bottle	Gw. 500 gr.	12
Plastic Bottle	Gw. 560 gr.	12
Plastic Bottle	Gw. 750 gr.	12
Plastic Bottle	Gw. 800 gr.	12
Plastic Bottle	Gw. 1000 gr.	12



Waterproof



EXPRESS PU WOOD GLUE (TRANSPARENT)

One-component, fast curing liquid polyurethane adhesive. It possesses high water resistance and bonding strength.

FEATURES

Fast curing. Low press time. Transparent. Extremely high bond strength on numerous substrates. Conforms to D4 according to DIN EN 204. Easy to use. Very good resistance to chemicals. Excellent resistance to moisture and weather conditions. Nonshrinking. Low odour. Useable in slightly wet substrates.

APPLICATION AREAS

Fixing and gluing wooden elements to other various porous and non-porous elements as wood, metal, concrete, polystyrene foam etc. Furniture and boat production. All bonding applications that need a high water resistance.



TECHNICAL FEATURES

Basis	: Polyurethane prepolymer
Color	: Transparent
Curing system	: Moisture curing
Density	: 1.10 g/ml $\pm$ 0.05 (ASTM D1875)
Viscosity	: 3000 $\pm$ 1000 cp cps at 20°C (Spindle No 4, 12 rpm)
Temperature resistance	: -30 °C to +100 °C
Tack-Free time	: 5-15 min (23 °C and 50% R.H.) (ASTM C679)
Consumption	: Approx. 150 ml/m ²
Compression time	: At least 15 min*
Water resistant	: Excellent (D4-DIN EN204)

PACKAGE

Type	Volume	Box
Transparent / Express	Gw. 150 gr.	48
Transparent / Express	Gw. 250 gr.	24
Transparent / Express	Gw. 500 gr.	12
Transparent / Express	Gw. 560 gr.	12
Transparent / Express	Gw. 750 gr.	12
Transparent / Express	Gw. 800 gr.	12
Transparent / Express	Gw. 1000 gr.	12
Transparent / Express	Net 25 kg	1



Waterproof



HEAVY DUTY PUR MARINE ADHESIVE

A one component high viscosity polyurethane based adhesive specially designed to provide marine grade quality for current industry needs. It can be also used in furniture industry DIY projects where you need premium quality. Unlike common polyurethane adhesives, it does not foam up uncontrollably.

FEATURES

Water-resistant and weatherproof: Withstand temperature and seasonal changes and suitable for both interior and exterior applications. Retards fire. Low-foam. High adhesion strength. Suitable for wood based materials, metals, natural stones, ceramic, rubber etc. Can be sanded and painted after curing. High viscosity: Easier to use on vertical surfaces compared to standart liquid adhesives. Long open time: gives sufficient working time.

APPLICATION AREAS

Fixing and gluing wooden elements to other various porous and non-porous elements as wood, metal, concrete, polystyrene foam etc. Furniture and boat production. All bonding applications that need a high water resistance and fire retardant properties.

TECHNICAL FEATURES

Basis	: Polyurethane Prepolymer	
Color	: Beige-Yellowish	
Curing system	: Moisture curing	
Density	: 1,10 g/ml $\pm$ 0,01	(ASTM D1875)
Viscosity	: 20°C 10000-15000 cp cps at 20°C	
Tack-Free time	: Approx 1 h (23°C and 50% R.H.) (ASTM C679)	
Maximum Shear Strength	: After 15 min: > 50 kgf/cm ²	
After 24 hours	: > 70 kgf/cm ²	
Consumption	: Approx. 150 ml/m ²	
Compression time	: Min. 2 hours*	
Water resistant class	: D4 (DIN EN 204)	
Fire classification	: E (EN 13501-1)	
Temperature resistance	: -30°C to +100°C	
Application Temperature	: +5°C to +35°C	

PACKAGE

Type	Volume	Box
Transparent / Express	Net 800 gr	12



Waterproof





PVC MEMBRANE PRESS ADHESIVE (PU DISPERSION BASED)

New generation adhesive for fixing PVC, PP, PET, ABS onto especially MDF by the vacuum or membrane press process for the manufacture of high gloss furniture in kitchen, bathroom or wardrobe shutters and doors. Membrane Press Adhesives are can be used together with hardeners creating a cross linked film with high adhesion properties and very good heat and water resistance.

FEATURES

Easy to apply, has a low viscosity. Quick drying. Water resistant. Synthetic and natural materials, excellent bonding. Low and high temperatures do not lose strength. Moisture and chemical resistant. Heat-sensitive film with high adhesion for the low activation temperature. Not harm the environment and human health.

APPLICATION AREAS

Permanent adhesion for durable fixation. Excellent heat resistance to prevent delaminating in hot conditions. Outstanding bonding properties on most synthetic and natural materials. Enabling you to get perfect and smooth surface for high gloss finishes. High initial bond strength and low activation temperature for heat sensitive films.



TECHNICAL FEATURES

Basis	: Polyurethane dispersion
Color	: White
Non-volatile matter	: 39 - 41 (DIN EN ISO 3251)
Activation Temperature	: 55-60 °C
Density	: 1.10 g/ml ± 0.05 (ASTM D1875)
Viscosity	: 600-1500 cp (23 °C and 50% R.H.) (DIN 53019)
Ph	: 6.0-9.0
Water resistant	: Excellent

PACKAGE

Type	Volume	Box
Plastic Bucket	20 kg	1
Plastic Bucket	20 kg	1



Waterproof



EVA HOT MELT STRAIGHT EDGE BANDING ADHESIVE

General purpose synthetic resin and EVA based hotmelt adhesive of thermoplastic characteristic.

FEATURES

Hot-Melt is used for curved edge banding, coating and massive adhesion operations on all kinds of domestic and foreign edge banding machines, also manually operated machines. It is short open time adhesive. Appropriate when immediate bonding is required. Environmentally friendly. Economical. High green strength. Non-sticky surfaces. Odourless. Easy to use.

APPLICATION AREAS

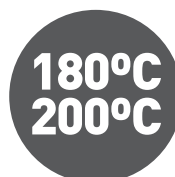
It is recommended that ambient temperature should be above 15°C, air moisture 65-75% and material moisture 8-10% during application, and the adhesive should spread throughout one side of the object to be adhered.

TECHNICAL FEATURES

Color	: Natural
Appearance	: Granular
Softening point	: 90°C ± 3 (Ring and Ball) (ASTM E28)
Specific Gravity	: 1,28 g/cm ³ (ASTM D792)
Thermosel viscosity	: 100000mPas at 200°C (ASTM D3236)
Open time	: 45 - 50 seconds
Tank Temperature	: 180 - 200°C
Temperature Roller	: 200 - 220°C
Feeding Speed	: 10 - 27 m / min.
Water resistance	: Excellent
Roller Pressure	: 3-5 Kg. / cm ²

PACKAGE

Type	Volume	Box
180°C - 200°C	25 kg	1



Waterproof





EVA HOT MELT CURVE EDGE BANDING ADHESIVE

Synthetic resin and EVA based hot melt adhesive of thermoplastic characteristic which is developed specifically for curved edge banding purposes.

FEATURES

Hot-Melt is used for curved edge banding, coating and massive adhesion operations on all kinds of domestic and foreign edge banding machines, also manually operated machines. It is short open time adhesive. Appropriate when immediate bonding is required. Environmentally friendly. Economical. High green strength. Non-sticky surfaces. Odourless. Easy to use.

APPLICATION AREAS

Environment temperature must be around 15°C during the application process. Adhesive must be applied to one surface of the material to be adhered. Air humidity should be 65-75% and product humidity should be 8-10%.

TECHNICAL FEATURES

Color	: Natural, Milky White, Brown, Larex
Appearance	: Granular
Softening point	: 80 ±1°C (Ring and Ball) (ASTM E28)
Thermosel viscosity	: 45000±10000 mPa.s (140°C de spindle 29100 rpm) (ASTM D3236)
Tank Temperature	: 120 – 140°C
Temperature Roller	: 120 – 140°C
Water resistance	: Excellent

PACKAGE

Type	Volume	Box
120°C - 140°C	20 kg	1

120°C
140°C





EVA HOT MELT STRAIGHT EDGE BANDING ADHESIVE

Synthetic resin and EVA based hot melt adhesive of thermoplastic characteristic that gives perfect results with straight edge banding works.

FEATURES

Hot-Melt is used for straight edge banding, coating and massive adhesion operations on all kinds of domestic and foreign edge banding machines, also manually operated machines. It is short open time adhesive. Appropriate when immediate bonding is required. Environmentally friendly. Economical. High green strength. Non-sticky surfaces. Odourless. Easy to use.

APPLICATION AREAS

Environment temperature must be around 15°C during the application process. Adhesive must be applied to one surface of the material to be adhered. Air humidity should be 65-75% and product humidity should be 8-10%.

TECHNICAL FEATURES

Color	: Natural
Appearance	: Granular
Softening point	: 100 ± 4°C (Ring and Ball) (ASTM E28)
Thermosel viscosity	: 80000±5000 mPa.s (at 190°C, spindle 29 - 50 rpm) (ASTM D3236)
Open time	: 15-20 seconds
Tank Temperature	: 190 - 210°C
Temperature Roller	: 190 - 210°C
Feeding Speed	: 20 - 35 m / min.
Water resistance	: Excellent
Roller Pressure	: 3-5 Kg. / cm ²

PACKAGE

Type	Volume	Box
190°C - 210°C	25 kg	1

190°C
210°C



EVA HOT MELT STRAIGHT EDGE BANDING ADHESIVE

Synthetic resin and EVA based hot melt adhesive of thermoplastic characteristic that gives perfect results with straight edge banding works where lower softening point and fast bonding is needed.

FEATURES

Hot-Melt is used for straight edge banding, coating and massive adhesion operations on all kinds of domestic and foreign edge banding machines, also manually operated machines. It is short open time adhesive. Appropriate when immediate bonding is required. Environmentally friendly. Economical. High green strength. Non-sticky surfaces. Odourless. Easy to use.

APPLICATION AREAS

Environment temperature must be around 15°C during the application process. Adhesive must be applied to one surface of the material to be adhered. Air humidity should be 65-75% and product humidity should be 8-10%.

TECHNICAL FEATURES

Color	: Natural
Appearance	: Granular
Softening point	: 90 ± 2°C (Ring and Ball) (ASTM E28)
Thermosel viscosity	: 85000±5000 mPa.s (at 200°C, spindle 29 - 50 rpm) (ASTM D3236)
Open time	: 15-20 seconds
Tank Temperature	: 180 – 200°C
Temperature Roller	: 180 – 200°C
Feeding Speed	: 20 – 35 m / min.
Water resistance	: Excellent
Roller Pressure	: 3-5 Kg. / cm ²



PACKAGE

Type	Volume	Box
180°C - 200°C	25 kg	1

180°C
200°C



D2 PVA WHITE GLUE SUPER FRAME WORK

Water based adhesive based on polyvinyl acetate homopolymer emulsion. It is specially formulated to conform to EN 204 (D2).

FEATURES

High bond strength on numerous substrates. Water based. Easy application. Dries transparent.

APPLICATION AREAS

Suitable for bonding wood, decorative laminates, chipboard, blockboard etc. which have limited exposure to high humidity

TECHNICAL FEATURES

Basis	: Vinyl Acetate polymer
Appearance	: White Viscose Liquid
Density	: 0.96 g/mL
Solids %	: % 41 ± 1
Min. Film Temperature	: 10°C
Filming Time	: 15-20 minutes (20°C)
Free Monomer	: max 0,5
Water Resistance Class	: D2 (DIN EN 204)
Viscosity	: 14400±1800 cps cps at 20°C (Spindle No 6, 20 rpm)
Moisture content in wood	: 8 - 12 %, if higher increase press time.
Glue line pressure for	
hardwood	: 9 - 12 kg/cm ²
pH	: 5-6
Consumption	: 70 - 130gr/m ²



PACKAGE

Type	Volume	Box
Plastic Bootle	Gw. 150 gr	48
Plastic Bootle	Gw. 500 gr	12
Plastic Bootle	Gw. 1 kg	12
Plastic Bootle	Gw. 3 kg	4
Plastic Bootle	Gw. 10 kg	4
Plastic Bootle	Gw. 30 kg	1
Plastic Bootle	Gw. 150 gr	48
Plastic Bootle	Gw. 500 gr	12
Plastic Bootle	Gw. 1 kg	12
Plastic Bootle	Gw. 3 kg	4
Plastic Bootle	Gw. 10 kg	4
Plastic Bootle	Gw. 30 kg	1



D3 PVAc SUPER WOOD GLUE

Ready to use water resistant wood adhesive based on polyvinyl acetate homopolymer emulsion. It is specially formulated to conform to EN 204 (D3).

FEATURES

Conforms to D3 according to DIN EN 204. Excellent bond strength on hard, and soft woods. Water based. Easy application

APPLICATION AREAS

Suitable for gluing all types of wood, wooden materials and flat laminates. Wood to wood, soft- and hardboard, synthetic resin board and chipboard. Suitable for fixing paper, cardboard, paper or textile-backed PVC cloth to wood and board. May also be used to bond outdoor timber constructions such as window-frames and external doors. Particularly suitable for moisture-resistant bonds which have to fulfil high demands.

TECHNICAL FEATURES

Basis	: Vinyl Acetate polymer
Appearance	: White paste
Density	: 1.05 g/mL
Solids %	: 54 ± 1
Filming Time	: Min. 10 minutes (20°C)
Viscosity	: 14400±800 cps at 20°C (Spindle No 6, 20 rpm)
Moisture content in wood	: 8 - 12 %, Increase press time for higher moisture content.
pH	: 5 - 6
Glue line pressure for hard wood	: 9 - 12 kg/cm ²
Water resistant class	: D3 (DIN EN204)
Consumption	: 70-130gr/m ²

PACKAGE

Type	Volume	Box
Plastic Bottle	Gw. 150 gr	48
Plastic Bottle	Gw. 500 gr	12
Plastic Bottle	Gw. 1 kg	12
Plastic Bottle	Gw. 3 kg	4
Plastic Bottle	Gw. 10 kg	1
Plastic Bottle	Gw. 30 kg	1





CHEMICAL ANCHOR POLYESTER

Polyester injection mortar for general purpose for solid and hollow supports having a short cure time. It is suitable for use in concrete, perforated bricks and cavity blocks in a wide range of applications.

FEATURES

Suitable for solid and hollow structures. High solid content. Easy to extrude and to inject. Thixotropic, can be applied in vertical and horizontal direction. Fast curing.

APPLICATION AREAS

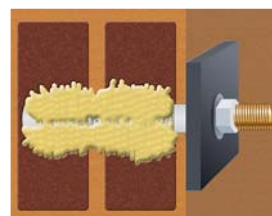
Low to Medium-load applications in solid and hollow supports. Fixing of; Gates, balustrades, roller blinds, panes, antennas, consoles, cable trays etc.

TECHNICAL FEATURES

Basis	: Unsaturated Polyester
Color	: Light Grey (Component A:beige; Comp. B:black)
Density	: 1,70 kg/l at 20 °C

PACKAGE

Type	Volume	Box
Polyester	345 ml	12
Polyester	300 ml	12



Hollow Bricks



Concrete



CHEMICAL ANCHOR

EPOXY ACRYLATE STYRENE FREE

High performance styrene free epoxy acrylate injection mortar for solid and hollow supports having a short cure time. It is suitable for use in concrete, stone, perforated bricks and cavity blocks in a wide range of applications.

FEATURES

Suitable for rods and reinforcing bars in plain and hollow structures. Styrene free and very low odour. Easy to extrude and to inject. Thixotropic, can be applied in vertical and horizontal direction.

APPLICATION AREAS

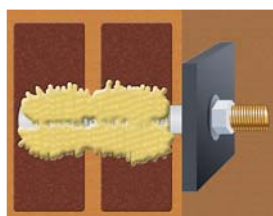
Heavy load-carrying attachments in solid stone and concrete. Repair mortar or adhesive mortar for concrete components. Attachment of anchor rods, threaded collars, reinforcement bars, profiles etc. Medium-load applications in hollow-bricks. Fixing of; Wooden constructions, metal constructions, metal profiles, sanitary fittings, pipe connections, projecting roofs, facades, cable trays, railings, staircases, gates, window elements.

TECHNICAL FEATURES

Basis	: Epoxy Acrylate Resin
Color	: Light Grey (Component A:beige; Comp. B:black)
Density	: 1,80 kg/l at 20 °C

PACKAGE

Type	Volume	Box
EASF	345 ml	12
EASF	300 ml	12



Hollow Bricks



Concrete



CHEMICAL ANCHOR

PURE EPOXY

Heavy duty epoxy injection mortar for solid base materials. It works in dry, damp and flooded holes with a fast curing time.

FEATURES

Works in damp and flooded holes. No shrinkage, can be used in oversized holes. Suitable for reinforcing bars in plain structures. Styrene free, very low odour. Thixotropic, can be applied in both vertical and horizontal directions. Fast curing

APPLICATION AREAS

Heavy load-carrying attachments in solid stone and concrete. Repair mortar or adhesive mortar for concrete components. Attachment of anchor rods, threaded collars, reinforcement bars, profiles etc. Medium-load applications in hollow-bricks.

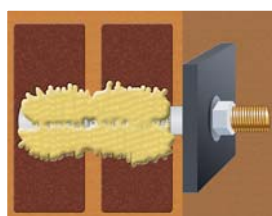
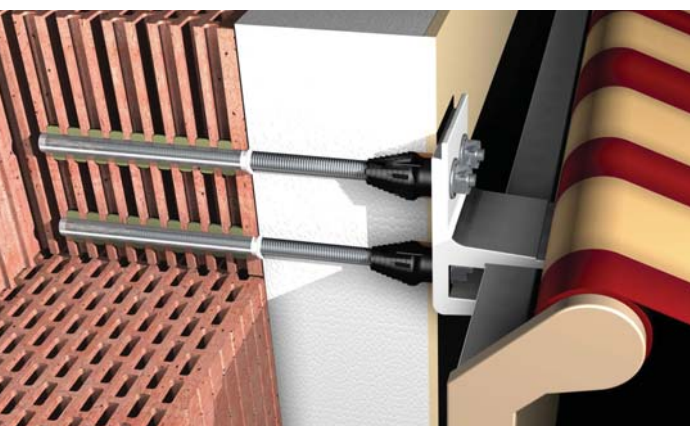
- Fixing of;
 - Wooden constructions - Metal constructions - Metal profiles - Sanitary fittings - Pipe connections - Projecting roofs - Facades - Cable trays - Railings - Staircases - Gates - Window elements

TECHNICAL FEATURES

Basis	: Epoxy / Aliphatic amine system
Color	: Light Grey
	(Component A:white; Comp. B:black)
Density	: 1,60 kg/l at 20 °C

PACKAGE

Type	Volume	Box
Pure Epoxy	400 ml	12



Hollow Bricks



Concrete



ACRYLIC MONTAGE ADHESIVE (INSTANT GRAB)

Water-based adhesive used for bonding numerous building materials. It is particularly suitable for DIY users due to solvent-free content and high bonding strength.

FEATURES

Acrylic dispersion based. Good gap-filling capacity on rough surfaces. Suitable for both indoor and outdoor applications. Weatherproof. Over paintable. Low odour. Solvent-free.

APPLICATION AREAS

Bonding materials such as wood, non-polished stones, concrete, plaster, tiles, panels, synthetic building materials etc. Mounting wooden construction elements, wood and plaster panels, plaster ornaments. Mounting decorative wooden trimmings. Repairing cracks in plaster. Quick repairs on walls and plaster. Suitable surfaces: MDF, Particleboard, Wood, Polystyrene foam, Concrete, Masonry, Tile, Ceramic, Stone, Plasterboard.

TECHNICAL FEATURES

Basis	: Acrylic dispersion
Density	: $1.70 \pm 0.03 \text{ gr/cm}^3$ (ASTM D 1875)
Tack-Free Time	: 30-40 minutes (at 25 °C and %50 R.H.) (ASTM C 679)
Curing Rate	: 1-2 mm/day (at 25 °C and %50 R.H.)
Temperature Resistance	: -10°C to +80°C
Application Temperature	: +5°C to +40°C
Maximum Shear Strength (beech-beech)	
After 6 hours	: > 25 kgf/cm ²
After 24 hours	: > 50 kgf/cm ²



PACKAGE

Type	Volume	Box
Cartridge	310 ml	24



MONTAGE ADHESIVE WATER BASED PAINTABLE

Water-based adhesive used for bonding numerous building materials. It is particularly suitable for DIY users due to solvent-free content and high bonding strength.

FEATURES

Acrylic dispersion based. Good gap-filling capacity on rough surfaces. Suitable for both indoor and outdoor applications. Weatherproof. Paintable. Low odour. Solvent-free.

APPLICATION AREAS

Bonding materials such as wood, non-polished stones, concrete, plaster, tiles, panels, synthetic building materials etc. Mounting wooden construction elements, wood and plaster panels, plaster ornaments. Mounting decorative wooden trimmings. Repairing cracks in plaster. Quick repairs on walls and plaster.

Suitable surfaces: MDF, particleboard, wood, polystyrene foam, concrete, masonry, tile, ceramic, stone, plasterboard.

TECHNICAL FEATURES

Basis	: Acrylic dispersion
Density	: $1.40 \pm 0.03 \text{ gr/cm}^3$ (ASTM D 1875)
Tack-Free Time	: 30-40 minutes (at 25 °C and %50 R.H.)
	(ASTM C 679)
Curing Rate	: 1-2 mm/day (at 25 °C and %50 R.H.)
Temperature Resistance	: -10°C to +80°C
Application Temperature	: +5°C to +40°C
Maximum Shear Strength	(beech-beech)
After 6 hours	: > 40 kgf/cm ²
After 24 hours	: > 70 kgf/cm ²

PACKAGE

Type	Volume	Box
Cartridge	310 ml	24
Plastic Tube	250 ml	36
Plastic Bucket	1 kg	6
Plastic Bucket	25kg	1
Sousage Aluminium Foil	80 ml	36



ECO Friendly



STUD ADHESIVE (INSTANT GRAB)

Stud adhesive is water based acrylic adhesive with high grab formulation used in jamb and drywall construction and assembling of construction materials. With its high adhesion power and solventless formula, it is ideal for both professional and home users.

FEATURES

For usage in both interior and exterior applications. Usable in vertical places. Fills the gaps on uneven surfaces. Acrylic dispersion based. Resistant to weather conditions. No odor & solvent. Paintable.

APPLICATION AREAS

Construction of drywall and bonding intermediate materials. Repair works at walls and plaster materials. Bonding of wood, ceramic, faience, plaster and synthetic construction materials. The installation of ornamental elements made of plaster and wood. The installation of moldings, paneling, baseboards and drywall material. The advised substrates to be used with are; MDF, particleboard / fiber plates wood, polystyrene foam, concrete, brick, ceramic, natural stone and plaster.

TECHNICAL FEATURES

Density	: 1.40 ± 0.03 gr/cm ³	(ASTM D 1875)
Tack-Free Time	: 30-40 minutes (at 25 °C and %50 R.H.)	(ASTM C 679)
Curing Rate	: 1-2 mm/day (at 25 °C and %50 R.H.)	
Temperature Resistance	: -10°C to +80°C	
Application Temperature	: +5°C to +40°C	
Maximum Shear Strength (beech-beech)		
After 6 hours	: > 40 kgf/cm ²	
After 24 hours	: > 70 kgf/cm ²	

PACKAGE

Type	Volume	Box
Cartridge	310 ml	24





PANEL ADHESIVE

(XPS, EPS, and PLASTER BOARD)
WATER BASED **PAINTABLE**

Panel adhesive is an acrylic based adhesive with high initial strength designed for the mounting of the xps, eps, plaster boards and light weight decoration materials.

FEATURES

High initial power. Both vertical and horizontal application. Waterborne. No odor & solvent. Paintable.

APPLICATION AREAS

Installation of the xps, eps, plaster board, polystyrene and decorative panels on various building materials. Bonding of wooden structural elements. The installation of moldings, paneling, baseboards and drywall material. Bonding of tiles, bricks, foam, felt and similar materials.

TECHNICAL FEATURES

Basis	: Acrylic dispersion
Density	: $1.68 \pm 0.03 \text{ gr/cm}^3$ (ASTM D 1875)
Tack-Free Time	: 30-40 minutes (at 25 °C and %50 R.H.) (ASTM C 679)
Curing Rate	: 1-2 mm/day (at 25 °C and %50 R.H.)
Temperature Resistance	: -10°C to +80°C
Application Temperature	: +5°C to +40°C
Maximum Shear Strength	(beech-beech)
After 6 hours	: 30 kgf/cm ²
After 24 hours	: > 60 kgf/cm ²

PACKAGE

Type	Volume	Box
Cartridge	310 ml	24
Plastic Bucket	Gw. 3kg	4





CORNICE ADHESIVE

A Premium formula, with excellent initial adhesion strength that is utilized in assembly of the polystyrene cornice sheets. Also provides good performance with plasterboards and decoration materials.

FEATURES

Initial adhesion ability of 120 kg/m², Both vertical and horizontal application, Good gap-filling capacity on rough surfaces, Waterborne, No odor & solvent, Paintable.

APPLICATION AREAS

For assembly of the polystyrene decorative cornices and panels, Suitable for the substrates such as ceramic tiles, bricks, foams, felts etc. For the adhesion of plasterboards and ornamental materials, For the adhesion of the wooden construction elements.

TECHNICAL FEATURES

Basis	: Acrylic dispersion
Density	: 1.70 ± 0.03 gr/cm ³ (ASTM D 1875)
Tack-Free Time	: 30-40 minutes (at 25 °C and %50 R.H. (ASTM C 679)
Curing Rate	: 1-2 mm/day (at 25 °C and %50 R.H.)
Temperature Resistance	: -10°C to +80°C
Application Temperature	: +5°C to +40°C
Maximum Shear Strength (beech-beech)	
After 6 hours	: > 25 kgf/cm ²
After 24 hours	: > 50 kgf/cm ²

PACKAGE

Type	Volume	Box
Cartridge	310 ml	24
Plastic Bucket	1 kg	12
Plastic Bucket	10kg	1
Plastic Bucket	25kg	1





NEUTRAL MIRROR ADHESIVE

High performance neutral cure silicone which is particularly designed for bonding the mirrors in all kinds and sizes without harming the mirror. A bonded mirror is safer because there is no risk of large pieces of glass falling in the event of breakage.

FEATURES

Highly elastic, +/-25% movement capability. Excellent primerless adhesion to numerous porous and non-porous substrates. Safer mirror construction with non-corrosive properties. Permanently elastic. Fast curing, 100% Silicone, solventless. Solvent free, very low odor. Adjustable, easy to apply. High viscosity non slump formula. One component moisture-cured. Excellent tooling properties. Resistant to temperature extremes (-60 °C to +180 °C).

APPLICATION AREAS

For fixing and bonding of mirrors in some places such as fitness centers, restaurants, cafes, hotels, and offices where mirror wall is required. For glazing works. Sealing applications where a low odor is required.

TECHNICAL FEATURES

Basis	: Silicone Polymer(Oxime)	
Curing System	: Neutral	
Density	: 1.00± 0.03 g/ml	(ASTM D 792)
Hardness Shore A	: 17-25 (after 28 days)	
Tensile Strength	: ≥1 N/mm ² (23°C and 50% R.H) (ASTM D412)	
Skin formation	: 5-10 min. (23°C and 50% R.H)	
Curing Rate	: Min. 2,5 mm/day (23°C and 50% R.H)	
Efficiency	: Approx. 10 meters. (For 10 mm width 3mm thickness)	
Elongation At Break	: ≥ 400%	(ASTM D412)
Elastic Recovery	: Approx. 100%	(ISO 7389)
Sagging	: 0 mm (ISO 7390)	
Temperature Resistance	: -60°C to +180°C	
Application Temperature	: +5°C to +40°C	

PACKAGE

Type	Volume	Box
Transparent	310 ml	24

CERTIFICATES





UNIVERSAL FAST ADHESIVE

An adhesive set which consists of high viscosity cyanoacrylate adhesive and activator.

FEATURES

High bonding strength. Suitable for use on vertical surfaces as it will not drip or slump. It is particularly suited to bonding difficult substrates which have a porous or uneven nature since it increases bonding strength by preventing the adhesive to be absorbed by the surface.

APPLICATION AREAS

It is suitable for the bonding of a very wide range of materials, including acidic surfaces (thanks to activator) and some porous ones, where rapid bonding times are required. Suitable for MDF, wood, chip wood, rubber, most plastics, leather and other common substrates. Especially suitable for the applications where cure speed needs to be accelerated. Although has a degree of gap filling ability, it is generally recommended for use on close-fitting parts and fairly smooth, even surfaces.



TECHNICAL FEATURES

Glue

Basis	: Ethyl Cyanoacrylate
Appearance	: Liquid gel
Color	: Colorless
Application Temperature	: +5°C to +35°C
Density	: 1.06 ± 0.01 gr/cm ³ ASTM D1875
Flashpoint	: > 81 °C
Viscosity	: 1200 - 1800 Cps at 25°C ASTM D1084
Temperature Resistance	: -20°C to +70 °C

Activator

Basis	: Hexane
Appearance	: Aerosol
Color	: Colorless
Application Temperature	: +5°C to +35°C
Temperature Resistance	: -20°C to +70°C

PACKAGE

Type	Volume	Box
	200 ml+ Gw. 65gr	24
	400 ml+ Gw. 125gr	24
	400 ml+ Gw. 100gr	24
	200 ml+ Gw. 50gr	24
	250 ml+ Gw. 65gr	24
	500 ml+ Gw. 125gr	24
Box with dropper	100 ml+25gr	48
Plastic Blister, with dropper	100 ml+25gr	24



SUPER GLUE

CYANOACRYLATE (20 Cps)

Low viscosity superfast instant glue based on cyanoacrylate adhesive. It is excellent where extremely fast cure is required.

FEATURES

Immediate bond. Very high bond strength after a few seconds.

Twist Cap:

Unlike normal bottle which uses a needle or a pin on the cap to prevent clogging, the Non-Clogging bottle has a special designed top which hides the cap inside the bottle.

APPLICATION AREAS

Suitable for rubber, metals, porcelain, rubber, leather, wood, paper ceramic and many plastics.

TECHNICAL FEATURES

Basis	: Ethyl Cyanoacrylate
Appearance	: Liquid gel
Colour	: Colourless
Application Temperature	: +5°C to +30°C
Density	: 1,05 ± 0,01 g/cm ³ ASTM D1875
Flashpoint	: >80°C
Viscosity	: 20 cps ASTM D1084



PACKAGE

Type	Volume	Box
Round Bottle, Twist Cap, Blister	Gw. 30 gr	36 / 288



SUPER GLUE

CYANOACRYLATE (100 Cps)

High viscosity superfast instant glue based on cyanoacrylate adhesive. It is excellent where extremely fast cure is required.

FEATURES

Immediate bond. Very high bond strength after a few seconds.

APPLICATION AREAS

Suitable for rubber, metals, porcelain, rubber, leather, wood, paper ceramic and many plastics.

TECHNICAL FEATURES

Basis	: Ethyl Cyanoacrylate
Appearance	: Liquid gel
Colour	: Colourless
Application Temperature	: +5°C to +30°C
Density	: 1,05 ± 0,01 g/cm ³ ASTM D1875
Flashpoint	: >80°C
Viscosity	: 100 cps ASTM D1084

PACKAGE

Type	Volume	Box
Round Bottle	Gw. 65 gr	25 / 200





SUPER GLUE CYANOACRYLATE

Low viscosity superfast instant glue based on cyanoacrylate adhesive. It is excellent where extremely fast cure is required.

FEATURES

Immediate bond. Very high bond strength after a few seconds.

APPLICATION AREAS

Suitable for rubber, metals, porcelain, rubber, leather, wood, paper ceramic and many plastics.

TECHNICAL FEATURES

Basis	: Ethyl Cyanoacrylate
Appearance	: Liquid gel
Colour	: Colourless
Application Temperature	: +5°C to +30°C
Density	: $1,05 \pm 0,01 \text{ g/cm}^3$ ASTM D1875
Flashpoint	: >80°C
Viscosity	: 2 - 5 cps ASTM D1084

PACKAGE

Type	Volume	Box
	Gw. 25 gr	50 / 500
Round Bottle	Gw. 30 gr	36 / 288
Round Bottle, Box	Gw. 30 gr	32 / 256





SUPER GLUE CYANOACRYLATE

Low viscosity super fast instant glue based on cyanoacrylate adhesive. It is excellent where extremely fast cure is required.

FEATURES

Immediate bond. Very high bond strength after a few seconds.

APPLICATION AREAS

Suitable for rubber, metals, ceramic and many plastics.

TECHNICAL FEATURES

Basis	: Ethyl Cyanoacrylate
Appearance	: Liquid gel
Color	: Colorless
Application Temperature	: +5°C to +35°C
Density	: 1.05 ± 0.01 gr/cm ³ ASTM D1875
Flashpoint	: >81°C
Viscosity	: 40 - 80 Cps at 25°C ASTM D1084

PACKAGE

Type	Volume	Box
PVC Blister	3 gr	12 /288
PVC Blister Smart	3 gr	



Precise Cont



Flexible Tube



Standing Tube

UNIVERSAL CONTACT ADHESIVE (TOLUENE FREE)

Fast curing, high strength adhesive based on chloroprene rubber.



FEATURES

Rapid curing. Provides flexible bond. Good frost resistance. Moisture resistant.

APPLICATION AREAS

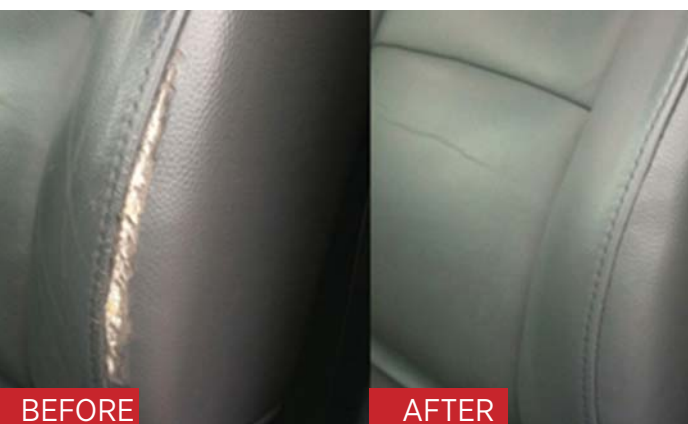
It is mainly used in upholstery, shoe and textile industry for bonding of the most common materials such as; Rubber, fabric, leather, artificial leather, cork, metal, chipboard etc. to itself or to several other substrates.

TECHNICAL FEATURES

Basis	: Chloroprene Rubber
Curing Mechanism	: Physical Drying
Tack-Free	: 25-30 min. (ASTM C679)
Density	: 0,808 – 0,812 gr/cm ³ (ASTM D1875)
Viscosity	: 3000-4500 Cps (ASTM D1084)
Temperature Resistance	: -20°C to +90 °C
Application Temperature	: +5 °C to +35 °C

PACKAGE

Type	Volume	Box
	50 ml	240
Gw.500 g.	Br. 500 g.	24
Gw.750 g.	750 ml Net 608 gr	24



Frost Resistant



SUPER GLUE

Vibration resistant flexible adhesive reaches high bonding strength in just 10 seconds. Recommended for shoes, textile and automotive industry

FEATURES

Flexible, Non-brittle, Vibration resistant, High bonding strength after 10 seconds. Excellent chemical resistance.

APPLICATION AREAS

Its flexible structure makes it perfect on flexible textured materials like leather and fabrics. Its vibration and chemical resistance makes it a good choice in automotive industry for bonding and repairing of metal, plastic, leather and rubber parts.

TECHNICAL FEATURES

Basis	: Ethyl Cyanoacrylate
Appearance	: Liquid gel
Colour	: Colourless
Application Temperature	: +5°C to +30°C
Density	: 1,05 ± 0,01 g/cm ³ ASTM D1875
Flashpoint	: >80°C
Viscosity	: 2 - 5 cps ASTM D1084

PACKAGE

Type	Volume	Box
	Gw. 25 gr	50 / 500
Round Bottle	Gw. 30 gr	36 / 288
Round Bottle, Box	Gw. 30 gr	32 / 256



UNIVERSAL CONTACT ADHESIVE

Fast curing, high strength adhesive based on chloroprene rubber.



FEATURES

Rapid curing. Provides flexible bond. Good frost resistance. Moisture resistant.

APPLICATION AREAS

It is mainly used in upholstery, shoe and textile industry for bonding of the most common materials such as; Rubber, fabric, leather, artificial leather, cork, metal, chipboard etc. to itself or to several other substrates.

TECHNICAL FEATURES

Basis	: Chloroprene Rubber
Curing Mechanism	: Physical Drying
Tack-Free	: 20-25 min. (ASTM C679)
Density	: 0,808 – 0,812 gr/cm ³ (ASTM D1875)
Viscosity	: 1400 – 1750 Cps (ASTM D1084)
Temperature Resistance	: -20°C to +90 °C
Application Temperature	: +5 °C to +35 °C

PACKAGE

Volume	Box
3 Lt/Br 2 Kg	1
17 Lt/15 Kg	1



Frost Resistant



RETAINING HIGH STRENGTH



Single component, resin based, high viscosity, high strength product used for strengthening mechanical connections.

FIELD OF APPLICATION AND PROPERTIES

- Can be used on all kinds of rough surfaces.
- Fills gaps in worn out joints
- Fits bearings, prevents the dislocation.
- Fills smallest gaps due to its low viscosity and is used in sensitive fittings.
- Fits impellers and shafts together.
- Locks linings and boots to their beds and on the shaft.

TECHNICAL FEATURES

Main constituent	: Methacrylate ester
Appearance (uncured)	: Liquid
Colour	: Green
Viscosity	: Medium to high
Strength	: High
Specific gravity	: 1.04
Conditions: 22°C	
Flash point	: >93°C
Method: ASTM D56-05	
Temperature range	: -50°C to 150°C
Corrosivity	: Non-corrosive
Gap filling	: up to 0.25mm
Viscosity Conditions: 22°C	: 4000 - 4500 cPs (@20 rpm)
Method: ISO 2555	
Apparatus: Brookfield RVT, spindle 3	

PACKAGE

Type	Volume	Box
Retaining	50 ml	120
Retaining	250 ml	36

PIPE SEALANT HIGH STRENGTH



Low-medium viscosity and high strength anaerobic pipe sealant. Thixotropic formulation reduces run-off and migration of the product before assembly.

FIELD OF APPLICATION AND PROPERTIES

- It can be easily applied to threaded joints and removed easily with hand tools.
- With its specialized formulation, PS252 can be used applications where high pressure proof or oil resistance is required.
- Especially suitable for H-thick metal threaded joints according to EN 751-1 standard.
- The product resists high temperatures with maintaining high strength.

TECHNICAL FEATURES

Main constituent	: Methacrylate ester
Appearance (uncured)	: Liquid
Colour	: Red
Viscosity	: Low-Medium and Tixotropic
Strength	: High
Specific gravity	: 1.035
Conditions: 22°C	
Flash point	: >93°C
Method: ASTM D56-05	
Temperature range	: -50°C to 200°C
Corrosivity	: Non-corrosive
Gap filling	: up to 0.15mm
Viscosity Conditions: 22°C	: 2000 - 5000 cPs (@2.5 rpm)
Method: ISO 2555	
Apparatus: Brookfield RVT, spindle 3	

PACKAGE

Type	Volume	Box
Pipe	50 ml	120
Pipe	250 ml	36

PIPE SEALANT MEDIUM STRENGTH



Medium viscosity and medium strength anaerobic pipe sealant. Thixotropic formulation reduces run-off and migration of the product before assembly.

FIELD OF APPLICATION AND PROPERTIES

- It can be easily applied to threaded joints and removed easily with hand tools.
- With its specialized formulation, PS253 can be used applications where high pressure proof or oil resistance is required.
- The product resists very high temperatures after full curing.

TECHNICAL FEATURES

Main constituent	: Methacrylate ester
Appearance (uncured)	: Liquid
Colour	: Blue
Viscosity	: Medium and thixotropic
Strength	: Medium
Specific gravity	: 1.03
Conditions: 22°C	
Flash point	: >93°C
Method: ASTM D56-05	
Temperature range	: -50°C to 150°C
Corrosivity	: Non-corrosive
Gap filling	: up to 0.20mm
Viscosity Conditions: 22°C	: 7000 - 15000 cPs (@2.5 rpm)
Method: ISO 2555	
Apparatus: Brookfield RVT, spindle 3	

PACKAGE

Type	Volume	Box
Pipe	50 ml	120
Pipe	250 ml	36

PIPE SEALANT (HIGH PRESSURE)



Easily applied anaerobic low viscosity pipe sealant used in hydraulic & pneumatic fittings with diameters up to 50 mm and servomechanisms.

FIELD OF APPLICATION AND PROPERTIES

- Does not shrink when fully cured.
- Shows great resistance to high pressure, vibration, solvents, heat up to 150°C, moisture, and corrosion.
- Easily applied to hydraulic & pneumatic fittings with diameters up to 50 mm and servomechanisms.

TECHNICAL FEATURES

Main constituent	: Methacrylate ester
Appearance (uncured)	: Liquid
Colour	: Brown
Viscosity	: Low-Medium and thixotropic
Strength	: High
Specific gravity	: 1.041
Conditions: 22°C	
Flash point	: >93°C
Method: ASTM D56-05	
Temperature range	: -50°C to 200°C
Corrosivity	: Non-corrosive
Gap filling	: up to 0.15mm
Viscosity Conditions: 22°C	: 1800 - 2000 cPs (@20 rpm)
Method: ISO 2555	
Apparatus: Brookfield RVT, spindle 3	

PACKAGE

Type	Volume	Box
Pipe	50 ml	120
Pipe	250 ml	36

PIPE SEALANT (With Teflon)



High viscosity and medium strength anaerobic pipe sealant. Thixotropic formulation reduces run-off and migration of the product before assembly.

FIELD OF APPLICATION AND PROPERTIES

- It can be easily applied to threaded joints and removed easily with hand tools.
- With its specialized formulation, PS257 can be used applications where high pressure proof or oil resistance is required.
- The product resists very high temperatures after full curing.
- Especially suitable for H-thick metal threaded joints according to EN 751-1 standard.
- The product fills high distance gaps and gives perfect results on wide-diameter (wider than 0.5mm) applications.

TECHNICAL FEATURES

Main constituent	: Methacrylate ester
Appearance (uncured)	: Paste
Colour	: Yellow
Viscosity	: High and thixotropic
Strength	: Medium
Specific gravity	: 1.02
Conditions: 22°C	
Flash point	: >93°C
Method: ASTM D56-05	
Temperature range	: -50°C to 150°C
Corrosivity	: Non-corrosive
Gap filling	: up to 0.5mm
Viscosity Conditions: 22°C	: 50000 - 60000 cPs (@20 rpm)
Method: ISO 2555	
Apparatus: Brookfield RVT, spindle 3	

PACKAGE

Type	Volume	Box
Pipe	50 ml	120
Pipe	250 ml	36

THREADLOCKER (LOW STRENGTH)



Low-strength, easy to remove screw lock. Works on all metals, especially good on low strength metals which could damage during disassembly, e.g. brass or aluminium.

FIELD OF APPLICATION AND PROPERTIES

- Ideal for low-strength thread-locking of adjusting screws.
- Easy to remove screw lock.
- Especially good on low strength metals which could damage during disassembly, e.g. brass or aluminium.

TECHNICAL FEATURES

Main constituent	: Methacrylate ester
Appearance (uncured)	: Liquid
Colour	: Purple
Viscosity	: Medium and thixotropic
Strength	: Low
Specific gravity	: 1.01
Conditions: 22°C	
Flash point	: >93°C
Method: ASTM D56-05	
Temperature range	: -50°C to 150°C
Corrosivity	: Non-corrosive
Gap filling	: up to 0.25mm
Viscosity Conditions: 22°C	: 4000 - 7000 cPs (@2.5 rpm)
Method: ISO 2555	
Apparatus: Brookfield RVT, spindle 3	

PACKAGE

Type	Volume	Box
Threadlocker	50 ml	120
Threadlocker	250 ml	36

THREADLOCKER (MEDIUM STRENGTH)



Medium strength thixotropic anaerobic thread locker. The product cures when confined in the absence of air between close-fitting metal surfaces.

FIELD OF APPLICATION AND PROPERTIES

- Formulated to lock all metric and imperial nuts and bolts
- Prevents vibration loosening and leakage through the threads
- Slightly oil tolerant; it will bond some 'as received' parts, but best results are obtained with clean substrates.
- The thixotropic nature of the product prevents run off, dripping and migration after assembly.
- Typically used on mounting bolts, housing screws, etc.
- Prevents corrosion of assembled parts.

TECHNICAL FEATURES

Main constituent	: Methacrylate ester
Appearance (uncured)	: Liquid
Colour	: Blue
Viscosity	: Medium and thixotropic
Strength	: Medium
Specific gravity	: 1.030
Conditions: 22°C	
Flash point	: >93°C
Method: ASTM D56-05	
Temperature range	: -50°C to 150°C
Corrosivity	: Non-corrosive
Gap filling	: up to 0.25mm
Viscosity Conditions: 22°C	: 4000 - 5000 cPs (@20 rpm)
Method: ISO 2555	
Apparatus: Brookfield RVT, spindle 3	

PACKAGE

Type	Volume	Box
Threadlocker	50 ml	120
Threadlocker	250 ml	36

THREADLOCKER (HIGH STRENGTH)



Single component, high strength (permanent) anaerobic thread locker. The product cures when confined in the absence of air between close-fitting metal surfaces.

FIELD OF APPLICATION AND PROPERTIES

- Formulated to lock metal fasteners;
- Particularly suitable for larger threaded fasteners, e.g. studs and all applications where maximum strength is needed.
- Prevents corrosion of assembled parts.

TECHNICAL FEATURES

Main constituent	: Methacrylate ester
Appearance (uncured)	: Liquid
Colour	: Green
Viscosity	: Medium and thixotropic
Strength	: High
Specific gravity	: 1.040
Conditions: 22°C	
Flash point	: >93°C
Method: ASTM D56-05	
Temperature range	: -50°C to 150°C
Corrosivity	: Non-corrosive
Gap filling	: up to 0.15mm
Viscosity Conditions: 22°C	: 3000 - 4000 cPs (@20 rpm)
Method: ISO 2555	
Apparatus: Brookfield RVT, spindle 3	

PACKAGE

Type	Volume	Box
Threadlocker	50 ml	120
Threadlocker	250 ml	36

HOT MELT STICK

Translucent, high viscosity and slow setting general purpose glue stick.



FEATURES

Designed for use on the paper, cloth and plastic related applications. Ideal for bonding wood, metal, fabric, ceramics, masonry, leather, cardboard. Appropriate when immediate bonding is required. Environmentally friendly. Gap-filling. High green strength. Non-sticky surfaces. Odourless. Easy to use.

APPLICATION AREAS

Ideal for household repairs, DIY tasks, craft and hobby works.

TECHNICAL FEATURES

Basis	: Synthetic Resins (Ethylene VinylAcetate)
Appearance	: Translucent
Softening point	: 86 °C ± 3 (Ring and Ball) (ASTM E28)
Specific Gravity	: 0.98 g/cm ³ (ASTM D792)
Thermosel viscosity	: 2250 cPs at 1210 (ASTM D3236)
Open time	: 45 - 50 seconds
Water resistance	: Excellent
Application Temperature	: 180- 200 °C

PACKAGE

Type	Volume	Box
Transparent	1 kg.	16
Transparent	1 kg.	25
Transparent	300 gr.	60
Black	300 gr.	60
Transparent	1 kg.	16

8
mm

11
mm

PVC CEMENT



Adhesive containing stabilized Tetrahydrofurane is suitable for joints, resistant to shear strain of pressure pipes (e. g. drinking water and gas pipes) with uPVC fittings, and gluing cable conduits, drain pipes etc in accordance with the recommendations of the Plastic Pipe Association.

FEATURES

High pressure resistance (16 bars). Water resistant. Chemical resistant especially to inorganic acids. Fast curing, maximum leak protection. Excellent gap-filling properties. Easy bonding even on large surfaces. Hot and cold water pipes (60°C). Resistant to bacteria. The products conforms to following standards. DIN 16970. BS 4346. ASTM-D 2564. NEN 7106

APPLICATION AREAS

Specifically indicated for: Bonding cement uPVC pipes and accessories in pressure systems up to 16 PN. Bonding pipes and accessories in waste systems according to the following: PVC-U plastics piping systems for soil and waste discharge (low and high temperature). ABS plastics piping systems for soil and waste discharge (low and high temperature). PVC-C plastics piping systems for soil and waste discharge (low and high temperature).



TECHNICAL FEATURES

Base	: PVC polymer resin, organic solvents and thixotropic agents.
Viscosity	: Approx. 9.000 mPa s (Brookfield RVT, 20 rpm, Sp.3)
Solid content	: Aprox. %20
Relative density	: Aprox. 0.90 gr/ml
Flammability	: Highly flammable
Open time(23 °C)	: Maximum 2 minutes
Maximum Gap Filling Capacity	: + 0,6 mm
Pressure Drying time (in normal conditions)	: 24 h
Shear strength (1 h drying time)	: > 0,4 MPa
Shear strength (24 h drying time)	: > 1,5 MPa
Shear strength (20 days +4 days drying time)	: > 7,0 MPa
Pressure resistance (20 °C)	: 51,2 bar
Pressure resistance (40 °C)	: 20,8 bar
Application temperature	: -5°C to +30°C
Service temperature	: -5°C to +50°C

PACKAGE

Type	Volume	Box
Transparent	Net. 50 g.	25
Transparent	125 ml.	50
Transparent	250 ml.	24
Transparent	500 ml.	12
Transparent	1000 ml.	12

PVC CEMENT (THF FREE)



Special solvent cement for joining rigid PVC pipes and accessories pressure systems, according to BS EN 14814 and BS EN 14680. Specifically indicated to bond thermoplastic piping systems that conform to BS EN 1452, BS EN 1455, BS EN 1566 and BS EN 1329. Adhesive with CE Marking for thermoplastic piping systems for fluids under pressure (PN16). Designed also to be used in non pressure systems such as PVC and ABS.

FEATURES

Very high initial forging speed. High resin content gives a good filling capacity in diametrical gaps. THF free. Gel consistency and excellent fluidity. High thixotropic index - prevents it from dripping upon application. Acts as a real chemical welding system for PVC, due to its composition. Easy to apply; it does not run or form "tears" inside the fixed pipes. The fixed joints present resistance and ageing characteristics comparable to those of cement PVC. Complies with requirements of the standard BS-EN14680 and BS-EN14814.

APPLICATION AREAS

Specifically indicated for:
Bonding cement PVC-U pipes and accessories in pressure systems up to 16 PN according to BS EN 14814 "Adhesives for thermoplastic piping systems for fluids under pressure. Specifications". Specifically indicated to bond thermoplastic piping systems that conform to BS EN 1452 and BS EN 1329. Bonding pipes and accessories in waste systems according to the following standards:
PVC-U plastics piping systems for soil and waste discharge (low and high temperature) BS EN 1329. ABS plastics piping systems for soil and waste discharge (low and high temperature) BS EN 1455. PVC-C plastics piping systems for soil and waste discharge (low and high temperature) BS EN 1566.

TECHNICAL FEATURES

Base	: PVC-U polymer resin, organic solvents and thixotropic agents.
Color	: Transparent
Viscosity	: 7000-15000 cP
Density	: 0.96 gr/ml
Flammability	: Highly flammable
Open time	: 20°C = 4 min 25°C = 3 min 30°C = 2 min 40°C = 1 min >40°C = <1 min
Maximum Gap Filling Capacity	: Up to + 0,6 mm
Temperature Resistance	: Up to +60°C

PACKAGE

Type	Volume	Box
THF Free / Transparent	Net. 50 g.	25
THF Free / Transparent	125 ml.	50
THF Free / Transparent	250 ml.	24
THF Free / Transparent	500 ml.	12
THF Free / Transparent	1000 ml.	12



GRANITE AND MARBLE ADHESIVE

Two component polyester resin mastic for bonding and filling of marble, granite and natural stone.



FEATURES

Fast drying properties. Available in liquid and solid form. Resistant to alkalis and diluted acid solutions. Temperature resistance of cured adhesive is between -10 °C and +100°C. Bonded surfaces are ready to be used after 2 hours. No color change, cracking or shrinkage during hardening period. Become hard and perfectly polishable after drying.

APPLICATION AREAS

Bonding of natural stones like marble, travertine etc. Bonding of concrete, granite, wood surfaces.

TECHNICAL FEATURES

Colour	: Beige (Comp. A) White (Comp. B)
Mix ratio	: 100 gr adhesive 1.0 gr hardener
Working time	: 5-10 min. (23 °C, 50%R.H)
Application Temperature	: +5 °C to +40 °C
Specific Gravity	: 1.85 g/cm ³ at 20°C (Comp. A) : 1.80 g/cm ³ at 20°C (Comp. B) (ASTM D1875)
Flash Point	: 33°C (Comp. A) 50°C (Comp. B)
Hardening Time	: 1-3 hour
Mixing Ratio	: %2-3
Mixing Time	: ≈ 1 second
Maximum force (kgf)	: 490
Maximum elongation (Δ / mm)	: 1.18
Maximum stress	: 3.8
Tensile strength (kgf)	: 490
Force elongation. (Δ / mm)	: 1.29
Elongation at break	: 1.7

PACKAGE

Type	Volume	Box
Common	250 gr.	24
Common	500 gr.	12
Common	1000 gr.	12
Common	1200 gr.	12
Common	2,5 kg.	6
Common	5 kg.	1
Common	25 kg.	1





GRANITE AND MARBLE ADHESIVE LIQUID

Polyester based, two component liquid adhesive, used for filling and bonding of marble, granite, natural stone, artificial marble, onyx and ceramic like materials.

FEATURES

Fast curing (2-3 minutes at 20°C). Easy to process with its creamy consistency. Perfect shine after mechanical polishing. High chemical resistance. Excellent resistance against wearing. High bonding power even in high temperatures.

APPLICATION AREAS

Bonding of natural stones like marble, travertine, artificial marble, onyx etc.

TECHNICAL FEATURES

Density	: 1.78 ± 0.02 gr/cm ³
Viscosity	: (20 °C 20 rpm) 16000-18000 cps
Color	: Beige/liquid
Type	: Solvent based
The amount of hardener in the mixture	: %2-3
Mixing time	: ≈ 1 min.
Curing Time	: 2-3 min. (at 20°C with %2-3 hardener)
Maximum temperature during reaction	: 110-115 °C
Min. Use temperature	: -5°C
Max. Temperature resistance after curing	: 110°C
Maximum force	: 400 – 500 kgf.
Maximum elongation	: 5 – 8 Δ/mm
Maximum tension	: 0.4-0.5 kg /mm ²
Tensile strength	: 400-500 kgf
Elongation at break	: 4-8 Δ/mm
Mixture time	: ≈ 1 min

PACKAGE

Type	Volume	Box
Common	1000 gr.	12





STONE & MARBLE FAST ADHESIVE

High viscosity cyanoacrylate and activator, which is developed especially for bonding materials such as natural stone, marble, granite and decorative stones.

FEATURES

Ability to bond rapidly in seconds. High bonding power. Thanks to its high viscosity formula, it can be used in vertical places without pour and splash. Activator makes it possible and incredibly fast to bond even porous surfaces.

APPLICATION AREAS

Utilized in assembly and repairs of parts such as natural stone, marble, granite, wood, MDF and metal. Preferred especially in the applications which require rapid curing.

TECHNICAL FEATURES

Glue

Basis	: Ethyl Cyanoacrylate
Appearance	: Liquid gel
Color	: Colorless
Application Temperature	: +5°C to +35°C
Density	: 1.06 ± 0.01 gr/cm ³ ASTM D1875
Flashpoint	: > 81°C
Viscosity	: 1200 - 1800 Cps at 25°C ASTM D1084
Temperature Resistance	: -20°C to +70°C

Activator

Basis	: Hexane
Appearance	: Aerosol
Color	: Colorless
Application Temperature	: +5°C to +35°C
Temperature Resistance	: -20°C to +70°C

PACKAGE

Type	Volume	Box
Common	400ml+ Gw. 125gr	12
Common	200ml+ Gw. 65gr	12
Common	100ml+ Gw. 25gr	24





WATERPROOF EPOXY

Fast cure two-component waterproof epoxy adhesive.

FEATURES

High lap shear strength and durability. Applied and cured under water. Cures without shrinkage and crack. Good gap filling capability. Water and chemical resistant. Paintable and sandable,

APPLICATION AREAS

Bonding for wood, glass, crystal, ceramic, porcelain, metal, fiberglass. Repairing furniture and household materials.

TECHNICAL FEATURES

Basis	: Epoxy based
Color	: Resin: Transparent
Hardener	: Pale yellow
Density (gr/cm ³)	: Resin: 1,16
Hardener	: 1,05
Viscosity (cps)(25°C)	: Resin : 12,000-13,000
Hardener	: 9,000-11,000
VOC Content (%)	: 0 (by weight) (Resin and Hardener)
Application temperature (°C)	: 5°C to 25 °C
Mix ratio	: 1:1 (by volume)
Mixed density (gr/cm ³)	: 1,10-1,12
Final colour	: Pale yellow
Set time (min.)	: 15-20 (at 23°C)
Handling time (hr)	: 4 (at 23°C)
Full cure time (hr.)	: 24 (at 23°C)
Service temperature (°C)	: -23 to +60
Gap fill	: Good
Hardness Shore D	: 80±2 (after 7 days)
Paintable	: Yes (but confirm by test)
Sandable	: Yes

PACKAGE

Type	Volume	Box
Syringe	25 ml (29 gr.)	12





QUICK SETTING EPOXY

Fast cure two-component adhesive based on epoxy.

FEATURES

High lap shear strength and durability. Very fast cure. Cures without shrinkage and crack. Good gap filling capability. Water and chemical resistant. Paintable and sandable,

APPLICATION AREAS

Bonding for wood, glass, crystal, ceramic, porcelain, marble metal, fiberglass, leather, rubber, fabric and rigid plastic substrates. Sealing electrical components. Repairing furniture and house materials.

TECHNICAL FEATURES

Basis	: Epoxy based
Color	: Resin: Transparent
Hardener	: Pale yellow
Density (gr/cm ³)	: Resin: 1,16
Hardener	: 1,13
Viscosity (cps)(25°C)	: Resin : 12,000 -13,000
Hardener	: 10,000-11,000
VOC Content (%)	: 0 (by weight) (Resin and Hardener)
Application temperature (°C)	: 5°C to 25 °C
Mix ratio	: 1:1 (by volume)
Mixed density (gr/cm ³)	: 1,15
Final colour	: Pale yellow
Set time (min.)	: 4- 5 (at 23°C)
Handling time (min.)	: 30 (at 23°C)
Full cure time (hr.)	: 24 (at 23°C)
Service temperature (°C)	: -23 to +60
Gap fill	: Good
Hardness Shore D	: 80±2 (after 7 days)
Paintable	: Yes (but confirm by test)
Sandable	: Yes

PACKAGE

Type	Volume	Box
Syringe	25 ml (29 gr.)	12





STEEL EPOXY & QUICK FIX PUTTY

STEEL

Versatile, highly durable and very strong epoxy adhesive. Easy to apply, fast cure and excellent adhesion strength in 5 minutes. Because of its gap filling capability, it can also be used on rough and incompatible surfaces.

QUICK

Very fast and strong repair putty. It takes the shape of applied surface and material. It can be applied underwater. It works best on metals, wood, glass, masonry, stone, marble and ceramics.

FEATURES

STEEL

Very fast cure. Cures without shrinkage and crack. Good gap filling capability. Machinable. Water and chemical resistant. Paintable and sandable.

QUICK

Quick and easy to use-cut, knead and apply. No waste; only use as much as you need. Can be machined, drilled, tapped, sanded and painted after cure. Can be used on vertical substrates, no sagging. No shrinkage and cracking. Excellent resistance to hydrocarbons, and saline water, oil, solvents, mild acids and alkalies.

APPLICATION AREAS

STEEL

Bonding for metal, concrete, wood, glass and ceramic. Use for repairing machinery, appliances, tools, automotive components, pipes. Imbedding bolts and screws into metals, concrete or stone. Sealing electrical components,

QUICK

It is used to bond and fill cracks on all kinds of metal, masonry, brick, wood, glass, ceramic, fiberglass, stone and marble substrates. It is useful for strong repairs in industries, workshops, appliances, tools, marine, automotive parts, metal joints, construction, pools and cracks in concrete. It is used to seal leaks in pipes, tanks and ductworks and underwater repairing.

TECHNICAL FEATURES

Basis	: Epoxy based
Color	: Resin: Transparent
Hardener	: Black
Density (gr/cm ³)	: Resin: 1,16
Hardener	: 1,13
Viscosity (cps)(25 °C)	: Resin : 12,000-13,000
Hardener	: 10,000-11,000
VOC Content (%)	: 0 (by weight) (Resin and Hardener)
Application temperature (°C)	: 5°C to 25 °C
Mix ratio	: 1:1 (by volume)
Mixed density (gr/cm ³)	: 1,15
Final colour	: Black
Set time (min.)	: 4- 5 (at 23°C)
Handling time (min.)	: 20 (at 23°C)
Full cure time (hr.)	: 24 (at 23°C)
Service temperature (°C)	: -23 to +60
Gap fill	: Good
Hardness Shore D	: 80±2 (after 7 days)
Paintable	: Yes (but confirm by test)
Sandable	: Yes

PACKAGE

Type	Volume	Box
Syringe	25 ml (29 gr.)	12
Putty	57 gr.	48





WALLPAPER & BORDURE ADHESIVE UNIVERSAL

Is a wallpaper adhesive based on cold water dispersible starch and cellulose derivatives.

FEATURES

Easy to apply. Allows time for positioning. Makes future removal quick and easy. Dissolves in water with ease. Can be cleaned with a sponge and water.

APPLICATION AREAS

Sticking wallpapers, pre-pasted borders, posters, placards etc.

TECHNICAL FEATURES

Basis	: Carboxymethylated
Appearance	: Mixed sized flakes & powder
Colour	: White to creamy
Viscosity at 3 min.	: 3000-5000 cPs at 23°C
pH	: 7-8
Temperature Resistance	: -20°C to +70 °C
Application Temperature	: +5 °C to +35 °C



PACKAGE

Type	Volume	Box
Common	250 gr.	24
Common	500 gr.	12
Common	25 kg.	1



HEAVY DUTY WALLPAPER ADHESIVE PREMIUM

Premium wallpaper adhesive which is based on cold water dispersible starch derivative.

FEATURES

Easy to apply. Thanks to quick dissolving adhesive, viscosity rise quickly. Allows time for positioning. Makes future removal quick and easy. Dissolves in water with ease. Can be cleaned with a sponge and water. Contains anti-fungal & bacterial protection.

APPLICATION AREAS

Suitable for hanging most common types of wallcoverings including paper backed, vinyl coated, textured, embossed etc."

TECHNICAL FEATURES

Basis	: Carboxymethylated
Appearance	: Flakes
Colour	: White to creamy
Viscosity at 3 min.	: 8000 cPs at 23°C (Brookfield RTV, 20 rpm, Sp.3)
pH	: 8
Temperature Resistance	: -20°C to +70 °C
Application Temperature	: +5 °C to +35 °C

Application Ratios

For 250gr s of adhesive

Paper Type	Amount of Water	Roll	Surface
Light paper	8,5	Liter	9-10 45-50 m ²
Normal paper	6	Liter	9-7 38-45 m ²
Heavy paper	4	Liter	5-6 25-30 m ²



PACKAGE

Type	Volume	Box
Common	250 gr.	24
Common	300 gr.	18
Common	500 gr.	12
Common	25 kg.	1

HYBRID FLOORING ADHESIVE (WOOD & PVC)

Single component universal elastic flooring adhesive based on hybrid technology. Thanks to hybrid technology it is solvent, isocyanate and water free. It provides exceptional performance on strips and mosaic parquet, plank floors and wood block floors on porous and non-porous substrates.



FEATURES

Ready to use: No mixing required. Provides high quality indoor air; Non-toxic, Eco-friendly. Form stable peaks when applied by a notched trowel. Suitable for under-floor heating systems. Permanently flexible. Rapid buildup of final bonding strength. Solvent, Isocyanate and water free. Very easy to apply.

APPLICATION AREAS

Suitable for bonding many different types of floors including strips and mosaic parquet, plank floors and wood block floors on porous and non-porous substrates.

TECHNICAL FEATURES

Chemical Base	: Hybrid Polymer
Curing System	: Moisture
Density	: 1.46 ± 0.003 g/ml
Appearance/Color	: Homogeneous paste / Beige
Skin formation time	: 40±10 (23 °C, 50%R.H.)
Curing Rate	: Min. 2,5 mm/day (23 °C, 50%R.H.)
Sagging (ISO 7390)	: None
Shore A Hardness (ISO 868)	: 40-50
Elongation at Break % (ISO 37)	: Min. 150%
Volume Loss (EN ISO 10563)	: < 3%
Tensile Strength (ISO 37)	: Min. 1,5 N/mm ²



PACKAGE

Type	Volume	Box
Beige	600 ml	12
Beige	8 kg.	1
Beige	15 kg.	1





RUBBER TILE AND PARQUET ADHESIVE

Two component, solventless, polyurethane based rubber tile and parquet adhesive. It is specially designed for rubber tile and wood bonding to concrete surfaces. It is resistant to salt water and most chemicals. Easy applicable, durable and elastic adhesive for various substrates.

FEATURES

Two component. Excellent bonding to applied surfaces. Suitable for use in adverse weather conditions. Solvent free. No smell. Flexible. Durable.

APPLICATION AREAS

Bonding all types of parquets. Bonding artificial grass sports ground applications. Bonding rubber sheets to different surfaces such as; concrete, hardboard, chipboard. Bonding metal, ceramic, concrete, wood etc.

TECHNICAL FEATURES

Appearance	:Beige or any desired color
Viscosity (cps)	:Thixotropic
Density (25 °C) (gr/cm ³)	:1,72 (A component)
	:1,2 (B component)
Solids (%)	:100
Mix ratio	:7/1: A/B (By weight)
Open time (min)	:25-40 (at 23 °C 50% R.H.)
Tack free time (hr)	:1-2 (at 23 °C 50% R.H.)
Film resistance	:Water and heat resistant
Covrage	:(kg/m ²) 0,9-1,1 (1 mm thickness)



PACKAGE

Type	Volume	Box
Green+Brown	24 kg. set (21 + 3 Kg)	1



ARTIFICIAL GRASS ADHESIVE

Two component, solventless, self leveling, polyurethane based adhesive designed for installation of artificial grass. It is resistant to water, moisture and corrosive materials. Suitable for use in adverse weather conditions.

FEATURES

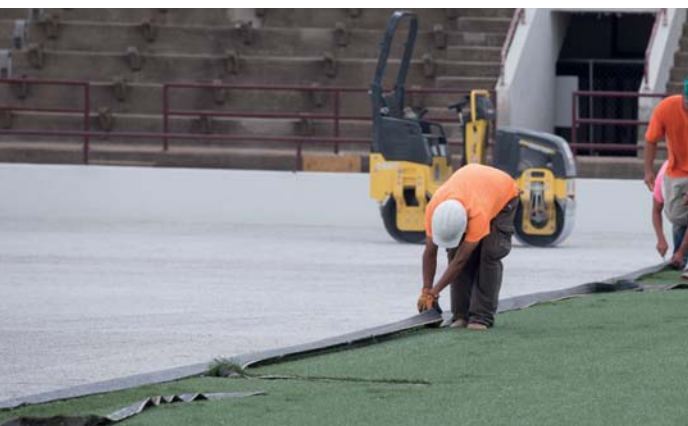
Two component. Excellent bonding to applied surfaces. Suitable for use in adverse weather conditions. Solvent free. No smell. Flexible. Durable.

APPLICATION AREAS

Bonding artificial grass sports ground applications. Bonding rubber sheets to different surfaces such as; concrete, hardboard, chipboard. Bonding metal, ceramic, concrete, wood etc.

TECHNICAL FEATURES

Appearance	: Green or any desired colour
Viscosity (cps)	: Thixotropic
Density (25 °C) (gr/cm ³)	: 1,52 (A component)
	: 1,2 (B component)
Solids (%)	: 100
Mix ratio	: 5/1: A/b (By weight)
Open time (min)	: 25-40 (at 23°C 50% R.H.)
Tack free time (hr)	: 1-1,5 (at 23°C 50% R.H.)
Film resistance	: Water and heat resistant
Covrage (kg/m ²)	: 0,9-1,1 (1 mm thickness)



PACKAGE

Type	Volume	Box
Green+Brown	18 kg. set (15 + 3 kg)	1



RUBBER TILE AND PARQUET ADHESIVE

Two component, solventless, polyurethane based rubber tile and parquet adhesive. It is specially designed for rubber tile and wood bonding to concrete surfaces. It is resistant to salt water and most chemicals. Easy applicable, durable and elastic adhesive for various substrates.

FEATURES

Two component. Excellent bonding to applied surfaces. Suitable for use in adverse weather conditions. Solvent free. No smell. Flexible. Durable.

APPLICATION AREAS

Bonding all types of parquets. Bonding artificial grass sports ground applications. Bonding rubber sheets to different surfaces such as; concrete, hardboard, chipboard. Bonding metal, ceramic, concrete, wood etc.

TECHNICAL FEATURES

Appearance	: Beige or any desired color
Viscosity (cps)	: Thixotropic
Density (25 °C) (gr/cm ³)	: 1,8 (A component)
	: 1,2 (B component)
Solids (%)	: 100
Mix ratio	: 9/1: A/B (by weight)
Open time (min)	: 40-50 (at 23 °C 50% R.H.)
Tack free time (hr)	: 2-3 (at 23 °C 50% R.H.)
Film resistance	: Water and heat resistant
Covrage (kg/m ²)	: 0,9-1,1 (1 mm thickness)



PACKAGE

Type	Volume	Box
Beige+Brown	20 kg. set (18 + 2 kg)	1



PVC FLOORING ADHESIVE

One part, water borne acrylic based adhesive that is used for adhesion of PVC/Vinyl floorings and tiles, heterogeneous PVC, expanded vinyl, semi-flexible floor tiles and felt-backed carpets to the floor.

FEATURES

Single component, no mixing required. Solvent-free, very low emissions. Easy to apply. Long open time. Strong initial adhesion power. Stable and elastic adhesive. Suitable for use of wheelchair and rubber-wheeled vehicle traffic. Suitable for installation on under-floor heating systems.

APPLICATION AREAS

Concrete, sand/cement screeds. Smoothened sub-floors. Subfloors composed of wood materials. For Interior use only. Use only horizontal surface.

TECHNICAL FEATURES

Chemical Base	: Acrylic Dispersion
Density	: 1.44 ± 0.03 g/ml
Color	: Grey
Waiting Time	: 5-10 min. (20°C and 50% R.H.)
Working Duration	: 35-45 min. (20°C and 50% R.H.)
Set to Traffic	: 18-48 h (20°C and 50% R.H.)
Full Setting	: 48 h
Application Temperature	: +5°C to +35°C



PACKAGE

Type	Volume	Box
Plastic Bucket	20kg	1



STANDARD PRESS

One component, polyurethane binder which cures by reaction with atmospheric moisture. It is 100% solids, low viscosity and produces a elastic membrane with excellent adhesion to recycled rubber granules. This is our fast curing speed binder which is primarily used in press system applications.

FEATURES

One component. Excellent adhesion on rubber granules. Flexible. Durable. Solvent free.

APPLICATION AREAS

Parks. Children's playgrounds. School playgrounds. Sport facilities. Outdoor recreation areas. Synthetic surfaces. Rubber floor and doormat. Sound vibration required surfaces.

TECHNICAL FEATURES

Basis	: Polyurethane
Color	: Yellow/Amber
Solids by weight	: 100 %
Viscosity	: 4000-5500 mPa.s (at 25 °C)
Density	: 1,1±0,03 gr/cm ³ (at 25 °C)
% NCO	: 9,5 -11,5
Dust Free Time	: 100-130 min (at 23 °C 50% H)

PACKAGE

Type	Volume	Box
Amber	220 kg drums	1





POUR IN PLACE

One component, UV stability enhanced polyurethane binder which cures by reaction with atmospheric moisture. It is 100% solids, low viscosity and produces a elastic membrane with excellent adhesion to recycled rubber granules. This is our slow curing speed binder which is primarily used in pour in place applications where humidity is in the 50%- 80% and temperatures is in the 20-35 °C.

FEATURES

One component. Excellent adhesion on rubber granules. Enhanced UV stability. Flexible. Durable. Moisture cure. Solvent free.

APPLICATION AREAS

Parks. Children and school playgrounds. Running tracks and walkways. Sport facilities. Outdoor recreation areas. Synthetic surfaces.

TECHNICAL FEATURES

Basis	: Polyurethane
Color	: Yellow/Amber
Solids by weight (%)	: 100
Viscosity (mPa.s)	: 3500-4000 (at 25 °C)
Density (gr/cm³)	: 1,1 ±0,03 (at 25 °C)
Free NCO (%)	: 10 -11,5
Open Time (hr)	: 1- 1,5 (at 23 °C 50% H)
Cure Time (hr)	: 24 (at 23 °C 50% H)



PACKAGE

Type	Volume	Box
Amber	220 kg drums	1



ALIPHATIC BINDER

One component, solventless, moisture cure, transparent, UV stable polyurethane binder. It is designed for track, sport and playground applications. It is based on high quality aliphatic prepolymer for excellent UV and color stability.

FEATURES

Excellent UV and color stability. High elongation. Excellent bonding of rubber granules. Easy application. Environmentally friendly. Water resistant.

APPLICATION AREAS

Parks. Children and school Playgrounds. Running tracks. Sport facilities. Outdoor carpets and tiles. Sport facilities. Outdoor recreation areas. Synthetic surfaces.

TECHNICAL FEATURES

Basis	: Polyurethane
Color	: Transparent
Solids content (%)	: 100
Viscosity (cps)	: 2000-3000 (at 25°C)
Density (gr/cm ³)	: 1,00-1,05 (at 25°C)
Free NCO Content (%)	: 8,5 -9
Full Cure Time (min.)	: 24 hr (23°C 50% R.H.)



PACKAGE

Type	Volume	Box
Transparent	220 kg drums	1



PU BINDER

One component, solvent free, aromatic polyurethane binder. It is a moisture curing binder for binding of stones and mineral aggregates to form self-draining flooring.

FEATURES

Excellent adhesion on stone and aggregates. Easy to apply. Low odour. Moisture cure. Solvent free.

APPLICATION AREAS

Binder for quartz and stone carpet floors. Hotel and Shopping Center. Flooring for courtyards, driveways and pavements. Warehouses and showrooms.

TECHNICAL FEATURES

Chemical structure	:MDI Prepolymer
Appearance	:Clear
Solid content	:100 %
Density	:1,14 gr/cm ³
Viscosity	:4000-4500 cps
Pot life	:250 min
Ready for foot traffic	:24 hrs
Complete cure	:7 days
Application temperature	:+10-30°C



PACKAGE

Type	Volume	Box
Clear	220kg	1



BINDER PU

One component, solvent free, transparent aliphatic polyurethane binder. It is a moisture curing binder for binding of stones and mineral aggregates to form self-draining flooring.

FEATURES

Excellent adhesion on stone and aggregates. Solvent free. UV stable. Easy to apply. Low odour. Moisture cure.

APPLICATION AREAS

Binder for quartz and stone carpet floors. Decorative coatings in external areas, such as terraces and balconies. Hotel and Shopping Center. Flooring for courtyards, driveways and pavements. Warehouses and showrooms.

TECHNICAL FEATURES

Appearance	:Clear
Solid content	:100 %
Density	:1,02 gr/cm ³
Viscosity	:1300-1500 cps
Pot life	:240 min
Ready for foot traffic	:48 hrs
Complete cure	:7 days
Application temperature	:+10-30°C



PACKAGE

Type	Volume	Box
Clear	205kg	1

SEALANT

PRODUCTS



HYBRID SEALANT

One-component self-leveling, silane modified polymer based sealant ideal for horizontal applications. Its elasticity allows it to absorb continual movements of the structure caused by thermal changes without problems of cracking.

FEATURES

One component, no mixing required. Self-leveling consistency, easily fills the cracks on the floor. Waterproof. Possesses permanent elasticity. High adhesion strength. Capable of $\pm 20\%$ joint movement. Paintable. Cures bubble-free. VOC-compliant.

APPLICATION AREAS

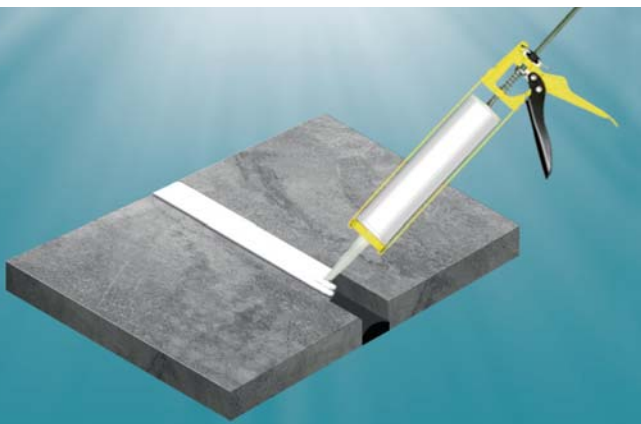
Used for sealing of horizontal joints. Waterproofing applications. Interior and exterior areas. Expansion joints between many different construction materials. Control joints. Driveways/ Garages. Sidewalks. Pool decks.

TECHNICAL FEATURES

Chemical Base	: Hybrid Polymer
Curing Mechanism	: Moisture Curing
Density	: 1.39 ± 0.03 g/ml
Consistency	: Self-Leveling
Skin Formation Time	: 25 ± 5 min. (23°C and 50% R.H.)
Tack Free Time	: 90 ± 10 min. (23°C and 50% R.H.)
Curing Rate	: Min. 2.50 mm/day (23°C and 50% R.H.)
Shore A Hardness	: 25 ± 5 ISO 868 (After 28 days)
Elongation at Break	: $> 300\%$ ASTM D412
Tensile Strength	: $0.75-1.5$ N/mm ² ASTM D412
Application Temperature	: +5°C to +35°C

PACKAGE

Type	Volume	Box
Concrete Gray	290 ml	12
Concrete Gray	600 ml	12
Concrete Gray	825 ml	6





AST POLYMER

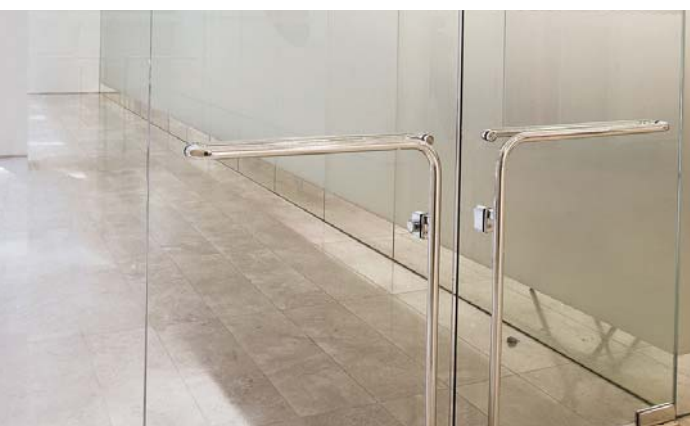
Crystal clear elastic adhesive/sealant based on AST polymer.

FEATURES

Clear, transparent color. Highly thixotropic: Suitable for horizontal and vertical application. Eco-friendly, free from isocyanate, solvent, acids and halogens. Excellent primerless adhesion to numerous porous and non-porous substrates. No bubble formation, even in wet and humid conditions. Over-paintable with water based paints. No shrinkage.

APPLICATION AREAS

It has a good adhesive strength without primer on most common materials such as aluminum, zinc, galvanized steel, stainless steel, copper, natural stone, concrete, brick, etc. Common application areas are: Transparent and elastic bonding in construction and building applications. Invisible bonding and sealing of glass and other transparent materials in indoor applications



SHORE **A35**

**ALL MATERIALS &
ALL SURFACES**



TECHNICAL FEATURES

Chemical Base	: AST Polymer
Curing System	: Moisture
Density	: 1.05 ± 0.03 gr/ml
Appearance/Color	: Paste, Clear
Tack Free	: 5-10 min (23°C and %50 R.H.)
Curing Rate	: ~ 2,7 mm/ 24 hr (23°C and %50 R.H.)
Shore A Hardness	: 35 ±5
Elongation at Break %	: ≥ % 350
Volume Loss	: < -%3 (23°C and %50 R.H.)
Tensile Strength	: 2,10 N/mm ²
Shear Stress	: 1471-1606 Pa.
Viscosity (Pa.s)	: 1440-1572 Pa.s at 25°C
Viscosity (cps)	: 1440000- 1572000 Cps at 25°C
Heat Resistance	: -20°C and +80°C
Application Temperature	: +5°C and +40°C

PACKAGE

Type	Volume	Box
Transparent	290 ml	12
Transparent	400 ml	12
Transparent	600 ml	12

CERTIFICATES



"Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168."



AST POLYMER

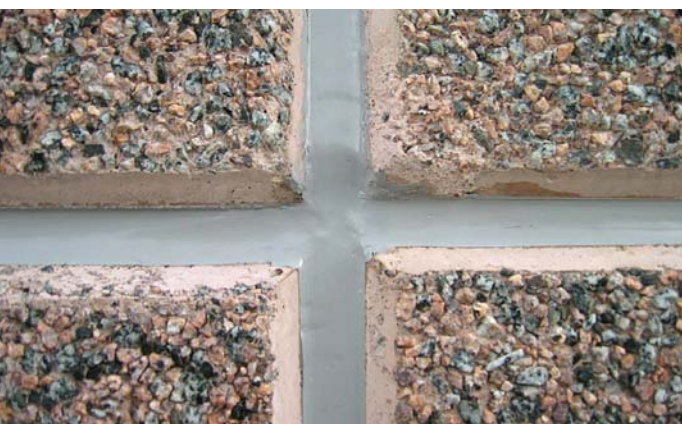
Neutral, highly elastic, one component AST based joint sealant. It is a low modulus sealant suitable for both indoor and outdoor applications

FEATURES

Highly thixotropic: Suitable for horizontal and vertical joints. Low modulus can withstand extreme joint movement. Eco-friendly, free from isocyanate, solvent, acids and halogens. Excellent primerless adhesion to numerous porous and non-porous substrates. No bubble formation, even in wet and humid conditions. Very good UV resistance. Over-paintable with water based paints. No shrinkage.

APPLICATION AREAS

Expansion and connection joints in the building industry. Sealing of joints in prefabricated buildings. Movement joints in high rise constructions. Sealing between window and door frames. Where joints have to be painted.



SHORE **A25**

ALL MATERIALS & ALL SURFACES



TECHNICAL FEATURES

Chemical Base	: AST Polymer
Curing System	: Moisture
Density	: 1.38 ± 0.03 gr/ml
Appearance/Color	: Paste, White, Black or Grey
Tack Free	: Approx. 60 min (23°C and %50 R.H.)
Curing Rate	: Approx. 2,5 mm/ 24 hr (23°C and %50 R.H.)
Sagging (ISO 7390)	: 0 mm
E100 Modulus (ISO 8339)	: < 0,4 N/mm ²
Shore A Hardness (ISO 868)	: 25 ±5
Elongation at Break % (ISO 37)	: ≥ % 350
Volume Loss	: < -%3 (23°C and %50 R.H.)
Tensile Strength (ISO 37)	: 1,0 – 1,5 N/mm ²
Heat Resistance	: -40°C and +90°C
Application Temperature	: +5°C and +40°C

PACKAGE

Type	Volume	Box
White	290 ml	12
Black	290 ml	12
Grey	290 ml	12
White	400 ml	12
Black	400 ml	12
Grey	400 ml	12
White	600 ml	12
Black	600 ml	12
Grey	600 ml	12

CERTIFICATES



"Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168."



AST POLYMER

High quality universal hybrid sealant & adhesive based on AST polymer.

FEATURES

Highly thixotropic: Suitable for horizontal and vertical joints. Eco-friendly, free from isocyanate, solvent, acids and halogens. Excellent primerless adhesion to numerous porous and non-porous substrates. No bubble formation, even in wet and humid conditions. Very good UV resistance. Over-paintable with water based paints. No shrinkage.

APPLICATION AREAS

Connection joints in sheet metal fabrication, sealing of HVAC systems. Elastic bonding in vibrating construction elements. Sealing of floor joints and low movement wall joints. Sealing joints in containers, cisterns, silos etc.



SHORE **A45**

ALL MATERIALS & ALL SURFACES



TECHNICAL FEATURES

Chemical Base	: AST Polymer
Curing System	: Moisture
Density	: 1.40 ± 0.03 gr/ml
Appearance/Color	: Paste, White, Black and Grey
Tack Free	: Approx. 50 min (23°C and %50 R.H.)
Curing Rate	: Approx. 2,5 mm/ 24 hr (23°C and %50 R.H.)
Sagging (ISO 7390)	: 0 mm
E100 Modulus (ISO 8339)	: < 0,4 N/mm ²
Shore A Hardness (ISO 868)	: 45 ±5
Elongation at Break % (ISO 37)	: ≥ % 120
Volume Loss	: < -%3 (23°C and %50 R.H.)
Tensile Strength (ISO 37)	: 1,5 – 2,0 N/mm ²
Heat Resistance	: -40°C and +90°C
Application Temperature	: +5°C and +40°C

PACKAGE

Type	Volume	Box
White	290 ml	12
Black	290 ml	12
Grey	290 ml	12
White	400 ml	12
Black	400 ml	12
Grey	400 ml	12
White	600 ml	12
Black	600 ml	12
Grey	600 ml	12

CERTIFICATES



"Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168."



AST POLYMER

One component, high quality and professional adhesive with high adhesive strength and initial tack. It is suitable for bonding curtain rails and curtain track systems without the use of clamps and/or fixing tape.

FEATURES

One component, fast curing, easy to use adhesive foam. Bonding blocks and stones during construction works. Powerful adhesion to concrete and stone variations. Suitable to use at interior and exterior applications. Remarkable resistance to weather conditions. Doesn't form thermal bridges, thanks to the excellent thermal insulation. More economical, practical and easy to use. Minimum expansion during drying period. After dried, no further expansion or shrinkage. No more extra burden or weight to building. Usable at low temperature like 0°C. It does not contain any propellant gases which are harmful to the ozone layer.

APPLICATION AREAS

Bonding structural blocks of non-bearing interior walls. For use where fixed, permanent positioning of stone or concrete products is desired. Concrete pavers/slabs. Segmental retaining walls and columns. Cast stone copings. Landscape blocks and bricks. Polystyrene foam board. Cellular lightweight concrete elements. Ornamental precast. Natural & manufactured stone. Brick, aerated block, cinder block, bims block, gypsum block and gypsum panel bonding. Applications where minimum expansion is needed. Mounting and isolation for frames of windows and doors.



**ALL MATERIALS &
ALL SURFACES**

TECHNICAL FEATURES

Chemical Base	: AST Polymer
Curing System	: Moisture
Density	: 1.49 ± 0.03 gr/ml
Appearance/Color	: Paste, White, Black or Grey
Tack Free	: 15-20 min (23°C and %50 R.H.)
Curing Rate	: Approx. 3,5 mm/ 24 hr (23°C and %50 R.H.)
Sagging (ISO 7390)	: 0 mm
Shore A Hardness (ISO 868)	: 55
Elongation at Break % (ISO 37)	: ≥ % 300
Volume Loss	: < -%3 (23°C and %50 R.H.)
Tensile Strength (ISO 37)	: 3,0-3,5 N/mm²
Shear Stress	: 3121-3237 Pa.
Viscosity (Pa.s)	: 3052-3166 Pa.s at 25°C
Viscosity (cps)	: 3052000- 3166000 Cps at 25°C
Heat Resistance	: -40°C and +90°C
Application Temperature	: +5°C and +40°C

PACKAGE

Type	Volume	Box
White	290 ml	12
Black	290 ml	12
Grey	290 ml	12
White	400 ml	12
Black	400 ml	12
Grey	400 ml	12
White	600 ml	12
Black	600 ml	12
Grey	600 ml	12

CERTIFICATES



"Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168."



AST POLYMER

One component, non-corrosive, high quality fast curing AST polymer sealant designed for decking applications where UV, extreme weather, long time fresh & salt water resistance and waterproof properties are required. It is also suitable for waterproof sealing of teak wood decks in nautical applications.

FEATURES

Chemically resistant to diluted acids. UV, ageing, moisture and extreme weather resistance. Eco-friendly, free from isocyanate, solvent, acids and halogens. Highly elastic in low and high temperatures. Excellent primerless adhesion to numerous porous and non-porous substrates. Sandable after curing. Fast curing, low odor and non-sag properties.

APPLICATION AREAS

MS Teak Deck is designed for sealing of connection joints between teak decks and variety of decking substrates. Outstanding primerless adhesion on joining elements made from wood, concrete, plastic, steel, aluminum, zinc, copper, porcelain, ceramics, PVC, metals, polyester, polycarbonate, natural stone, marble, mirror, glass and porous surfaces. If using for the first time a preliminary test is recommended for plastics before application.



**ALL MATERIALS &
ALL SURFACES**

TECHNICAL FEATURES

Basis	: 1-C MS Polymer
Curing Mechanism	: Moisture Curing
Shore A - Hardness	: 45±5 (ISO 868)
Density	: 1,35± 0,05 g/ml
Tack free time	: Approx. 60 min. (23°C and 50% R.H)
Curing Rate	: Min. 3 mm/24 hours (23°C and 50% R.H)
Tensile Strength	: Min. 2,05 Mpa (297 psi) (ISO 37)
Elongation at Break	: Min. 300 % (ISO 37)
Tear Propagation Resistance	: 10N/mm (57 pli) approx. (ISO 34)
Movement Accommodation Factor	: 10%
Shrinkage	: Max. 3%
(ISO 10563) Paintable	: Yes*
Sanding Time	: 7 days after application
Service Temperature	: -40°C to +90°C
Application Temperature	: +5°C to +35°C
Colour	: Black



PACKAGE

Type	Volume	Box
Black	290 ml	12
Black	600 ml	12

CERTIFICATES



"Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168."

POLYURETHANE SEALANT CONSTRUCTION

One-component, low-modulus polyurethane sealant that cures on exposure to atmospheric humidity. It possesses excellent adhesion to all typical construction materials such as cement based materials, brick, ceramic, glass, wood, galvanized and painted sheet iron and various plastics.



FEATURES

Possesses permanent elasticity. No sagging - Thixotropic. No surface tackiness after full cure. Do not pick up dirt. No shrinkage. Enhanced storage stability. Can be applied with hand gun and tooled easily. Paintable. Cures bubble-free. 25% movement capability. Conforms to BS 6920 for the metallic water soluble impurities. Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168.

APPLICATION AREAS

Expansion joints between many different construction materials. Bonding of roof tiles. Installation of PVC window frames. Connection joints between wood window- and doorframes and walls. Joints between prefabricated construction materials. Sealing and bonding of ventilation ducts, gutters and spouts etc. For expansion joints between pre-cast concrete panels.

SHORE A25

TECHNICAL FEATURES

BEFORE CURING

Basis	: Polyurethane
Consistency	: Thixotropic
Curing Mechanism	: Moisture Curing
Density	: 1,20±0,03 g/ml
Tack free time	: 30-60 min (23°C and 50% R.H)
Curing Rate	: Min. 2 mm/ day (23°C and 50% R.H)
Sagging	: 0 mm (EN ISO 7390)
Temperature Resistance	: -40°C to +70°C
Application Temperature	: +5°C to +40°C

AFTER CURING

Hardness Shore A	: 25-30 After 28 days
Paintability	: Yes *
Elastic Recovery	: ≥ 70% (ISO 7389)
Movement Capability	: 25 %

Glass-Glass

Elongation at break	: min.120% (ISO8339)
E100 Modulus (23 °C)	: 0.30-0.40 N/mm ² (ISO8339)
E100 Modulus (-20 °C)	: ≤ 0,60 N/mm ² (ISO8339)

DUMBLE TEST

Elongation at break	: ≥%700
Tensile Strength	: 1.0-1.5 N/mm ²

PACKAGE

Type	Volume	Box
White	310 ml	12
Black	310 ml	12
Grey	310 ml	12
White	600 ml	12
Black	600 ml	12
Grey	600 ml	12

CERTIFICATES



Conforms to BS 6920 for the metallic water soluble impurities and is suitable for use in drinking water systems.



POLYURETHANE SEALANT CONSTRUCTION

One-component, low-modulus polyurethane sealant that cures on exposure to atmospheric humidity. It possesses excellent adhesion to all typical construction materials such as cement based materials, brick, ceramic, glass, wood, galvanized and painted sheet iron and various plastics.

SHORE A35

TECHNICAL FEATURES

BEFORE CURING

Basis	: Polyurethane
Consistency	: Thixotropic
Curing Mechanism	: Moisture Curing
Density	: 1.20±0.03 g/ml
Tack free time	: 30-70 min. (23°C and 50% R.H)
Curing Rate	: Min. 2.5 mm/day (23°C and 50% R.H)
Sagging	: 0 mm (EN ISO 7390)
Temperature Resistance	: -40°C to +90°C
Application Temperature	: +5°C to +40°C

AFTER CURING

Hardness Shore A	: 35-40 After 28 days (ASTM C661)
Paintability	: Yes *
Elastic Recovery	: ≥ 70% (ISO 7389)

Glass-Glass

Elongation at break	: ≥ 100% (ISO8339)
E100 Modulus (23 °C)	: 0.35-0.40 N/mm ² (ISO8339)
E100 Modulus (-20 °C)	: ≤ 0,60 N/mm ² (ISO8339)

DUMBLE TEST

Elongation at break	: ≥ 600 (ASTM D412)
Tensile Strength	: 1.5-2.0 N/mm ² (ASTM D412)

PACKAGE

Type	Volume	Box
White	310 ml	12
Black	310 ml	12
Grey	310 ml	12
Agate Grey	310 ml	12
Signal Brown	310 ml	12
White	600 ml	12
Black	600 ml	12
Grey	600 ml	12
Agate Grey	600 ml	12
Signal Brown	600 ml	12

CERTIFICATES



Conforms to BS 6920 for the metallic water soluble impurities and is suitable for use in drinking water systems.

FEATURES

Possesses permanent elasticity. No sagging – Thixotropic. No surface tackiness after full cure. Do not pick up dirt. No shrinkage. Enhanced storage stability. Can be applied with hand gun and tooled easily. Paintable. Cures bubble-free. 25% movement capability. Conforms to BS 6920 for the metallic water soluble impurities. Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 “Low-emitting products” of SCAQMD rule 1168.

APPLICATION AREAS

Expansion joints between many different construction materials. Movement and connection joints in floors. Indoor and outdoor applications for pedestrian and traffic areas. Joints between prefabricated construction materials. Sealing and bonding of ventilation ducts, gutters and spouts etc. For expansion joints between pre-cast concrete panels. Meets the requirements of ISO 11600 F 25 LM.





PU METAL SEALANT (AUTOMOTIVE&CONSTRUCTION)

One-component, high-modulus polyurethane sealant that cures on exposure to atmospheric humidity. It possesses excellent adhesion to sheet iron, aluminum, stainless steel, lead, copper, ceramic, glass, wood and various plastic materials.

FEATURES

Permanently flexible. Non-sag consistency - Exceptional thixotropy. Non-sticky / does not pick up dirt. Improved storage stability. Easy to gun, can be easily smoothed. Over-paintable. Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168. Meets the French VOC requirements for class A+.

APPLICATION AREAS

Body construction of cars, containers, caravans etc. Sealing and bonding of ventilation ducts, gutters and spouts etc. Sealing of sheet metal seams. For vibration reduction in all type of sheet metal assembly works. Sealing against water, air, gas and dust.



SHORE **A45**

TECHNICAL FEATURES

BEFORE CURING

Basis	: Polyurethane
Consistency	: Thixotropic
Curing Mechanism	: Moisture Curing
Density	: 1.18±0.03 g /ml
Tack free time	: 20-25 min. (23°C and 50% R.H)
Curing Rate	: Min. 3mm/day (23°C and 50% R.H)
Sagging	: 0 mm (EN ISO 7390)
Temperature Resistance	: -40°C to +90°C
Application Temperature	: +5°C to +40°C

AFTER CURING

Hardness Shore A	: 45±3 After 28 days (ASTM C661)
Paintability	: Yes *

*Considering the diversity of paint base and quality, compatibility tests should be done.

MECHANICAL PROPERTIES (ISO 8339)

Elongation at break	: ≥ 120% (ISO8339)
E100 Modulus (23 °C)	: 0.40-0.45 N/mm ² (ISO8339)

MECHANICAL PROPERTIES (ASTMD412)

Elongation at break	: ≥400 (ASTM D412)
Tensile Strength	: Min. 2.0 N/mm ² (ASTM D412)

PACKAGE

Type	Volume	Box
White	310 ml	12
Black	310 ml	12
Grey	310 ml	12
Red	310 ml	12
White	600 ml	12
Black	600 ml	12
Grey	600 ml	12

CERTIFICATES





AUTOMOTIVE & CONSTRUCTION PU SEALANT ADHESIVE

One-component, low-modulus polyurethane sealant that cures on exposure to atmospheric humidity. It possesses excellent adhesion to all typical construction materials such as cement based materials, brick, ceramic, glass, wood, galvanized and painted sheet iron and various plastics.

FEATURES

Permanently flexible. Non-sag consistency - Exceptional thixotropy. Non-sticky / does not pick up dirt. No change in volume - No shrinkage. Easy to gun, can be easily smoothed. Over-paintable.

APPLICATION AREAS

Expansion joints between many different construction materials. Bonding of roof tiles. Installation of PVC window frames. Connection joints between wood window- and doorframes and walls. Joints between prefabricated construction materials. Sealing and bonding of ventilation ducts, gutters and spouts etc. For expansion joints between pre-cast concrete panels.



TECHNICAL FEATURES

BEFORE CURING

Basis	: Polyurethane
Consistency	: Thixotropic
Curing Mechanism	: Moisture Curing
Density	: 1,23±0,03 g/ml
Tack free time	: 15-20 min. (23°C and 50% R.H)
Curing Rate	: Min. 3 mm/day (23°C and 50% R.H)
Sagging	: 0 mm (EN ISO 7390)
Temperature Resistance	: -40°C to +90°C
Application Temperature	: +5°C to +40°C

AFTER CURING

Hardness Shore A	: 35-40 After 28 days
Paintability	: Yes *
Elongation at break	: ≥300 (ASTM D412)
Tensile Strength	: 1.5-2.0 N/mm ² (ASTM D412)
Elastic Recovery	: ≥ 70% (ISO 7389)

PACKAGE

Products	Volume	Package
White	310ml	12
Black	310ml	12
Grey	310ml	12
White(Sausage)	600ml	20
Black(Sausage)	600ml	20
Grey(Sausage)	600ml	20

CERTIFICATES



EN 15651-1



PU METAL SEALANT FAST CURING(Automotive)

One-component, high-modulus polyurethane sealant that cures on exposure to atmospheric humidity and must be used when fast curing is essential. It possesses excellent adhesion to sheet iron, aluminum, stainless steel, lead, copper, ceramic, glass, wood and various plastic materials.

FEATURES

Fast Curing. Permanently flexible. Non-sag consistency. Non-sticky / does not pick up dirt. Improved storage stability. Easy to gun, can be easily smoothed. Paintable.

APPLICATION AREAS

Body construction of cars, containers, caravans etc. Sealing and bonding of ventilation ducts, gutters and spouts etc. Sealing of sheet metal seams. For vibration reduction in all type of sheet metal assembly works. Sealing against water, air, gas and dust. Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168. Meets the French VOC requirements for class A+

SHORE **A50**

TECHNICAL FEATURES

BEFORE CURING

Basis	: Polyurethane
Consistency	: Thixotropic
Curing Mechanism	: Moisture Curing
Density	: 1,08±0,03 g/ml
Tack free time	: 40 ±10 min. (23°C and 50% R.H)
Curing Rate	: Min. 3 mm/day (23°C and 50% R.H)
Sagging	: 0 mm (EN ISO 7390)
Temperature Resistance	: -40°C to +90°C
Application Temperature	: +5°C to +40°C

AFTER CURING

Hardness Shore A	: 50 ± 5 After 28 days (ISO 868)
Paintability	: Yes *
Elongation at break	: ≥%300 (ISO 37)
Tensile Strength	:Min.2,5 N/mm ² (ISO 37)

PACKAGE

Type	Volume	Box
White	310 ml	12
Black	310 ml	12
Grey	310 ml	12
White	280 ml	12
Black	280 ml	12
Grey	280 ml	12
White	600 ml	12
Black	600 ml	12
Grey	600 ml	12

CERTIFICATES





SELF LEVELING PU SEALANT

One-component self-leveling polyurethane sealant ideal for horizontal applications. Its elasticity allows it to absorb continual movements of the structure caused by thermal changes without problems of cracking.

FEATURES

One component, no mixing required. Self-leveling consistency, easy to apply in horizontal joints. Possesses permanent elasticity. High adhesion strength. Capable of $\pm 25\%$ joint movement. Paintable.

APPLICATION AREAS

Used for sealing of horizontal joints. Interior and exterior areas. Expansion joints between many different construction materials. Control joints. Industrial floors. Driveways/Garages, sidewalks, decks.

TECHNICAL FEATURES

BEFORE CURING

Basis	: Polyurethane
Consistency	: Self-leveling
Curing Mechanism	: Moisture Curing
Density	: $1,17 \pm 0,03$ g/ml
Tack free time	: Approx. 60 min (23°C and 50% R.H)
Curing Rate	: Min. 2,00 mm/days (23°C and 50% R.H)
Application Temperature	: +5°C to +35°C

AFTER CURING

Hardness Shore A	: 20-25 ISO 868 (After 28 days)
Paintability	: Yes *
Elastic Recovery	: $\geq 70\%$ ISO 7389
Movement Capability	: 25 %
Elongation at break	: $\geq 500\%$ ASTM D412
Tensile Strength	: 0,75-1.5 N/mm ² ASTM D412



PACKAGE

Type	Volume	Box
Concrete Gray	310 ml	12
Concrete Gray	600 ml	12



TEXTURED PU SEALANT

One-component, non-sag, moisture curing elastomeric PU sealant designed for sealing concrete applications where high elasticity and textured appearance are required.

FEATURES

Textured appearance fits well on rough, irregular, stucco and concrete surfaces. Low VOC, less than 30 g/liter. Possesses permanent elasticity. No sagging – Thixotropic. No surface tackiness after full cure, does not pick up dirt. No shrinkage. Can be applied with hand gun and tooled easily. Paintable.

APPLICATION AREAS

On both vertical and horizontal joints in walls, around window and door frames. Weatherproofing of joints between concrete, masonry, brickwork etc.

SHORE A50

TECHNICAL FEATURES

BEFORE CURING

Basis	: Polyurethane	
Consistency	: Thixotropic	
Curing Mechanism	: Moisture Curing	
Density	: 1,08±0,03 g/ml	
Tack free time	: 60±10 min	(23°C and 50% R.H)
Curing Rate	: Min. 3mm/day	(23°C and 50% R.H)
Sagging	: 0 mm	(EN ISO 7390)
Temperature Resistance	: -40°C to +70°C	
Application Temperature	: +5°C to +40°C	

AFTER CURING

Hardness Shore A	: 50±5 After 28 days	(ISO 868)
Paintability*	: Yes	
Elongation at break	: > 300%	(ISO 37)
Tensile Strength	: Min. 2,5 N/mm ²	(ISO 37)

*Considering the diversity of paint base and quality, compatibility tests should be done the before application.



PACKAGE

Type	Volume	Box
Concrete Gray	310 ml	12

CERTIFICATES





NEUTRAL SILICONE (Building & Construction)

A neutral cure, high performance silicone sealant designed for gap filling and sealing in a wide range of use in building and construction. It combines the advantages of outstanding adhesion to building materials with its non-corrosive and odorless curing.

FEATURES

100% solventless silicone. Excellent weatherproof and UV resistant. No Cracking or Shrinking. Water resistant. Very low odor and noncorrosive. Excellent flexibility and adhesion to numerous porous and non-porous. Substrates for large scale construction and glazing applications. Resistant to temperature extremes (-60 °C to +180 °C). Fast curing, low modulus, high elasticity. High viscosity non slump formula.

APPLICATION AREAS

Non-corrosive joint sealing for walls, windows and doors. Glass to glass and glass to aluminium sealing. Sealing applications in kitchens and bathrooms. Sealing of connection joints in building industry (brick, wall, concrete, PVC, wood, glass etc.)

TECHNICAL FEATURES

Basis	: Silicone Polymer(Oxime)
Curing System	: Neutral
Density	: 1.02± 0.03 g/ml (ASTM D 792)
(Transparent and Aluminium)	
Density	: 1.20± 0.03 g/ml (ASTM D 792)
(Other Colors)	
Hardness Shore A	: 17-25 (after 28 days)
(Transparent and Aluminium)	
Hardness Shore A	: 22-32 (after 28 days)
(Other Colors)	
Tensile Strength	: ≤ 0,4 N/mm ² (23°C and 50% R.H) (ISO 8339)
Elongation At Break	: ≥ 400% (ASTM D412)
(Transparent and Aluminium)	
Elongation At Break	: ≥350%
(Other Colors)	
Elastic Recovery	: Approx. 100% (ISO 7389)
Sagging	: 0 mm (ISO 7390)
Temperature Resistance	: -60°C to +180°C
Application Temperature	: +5°C to +40°C



PACKAGE

Type	Volume	Box
Transparent	310 ml	24
White	310 ml	24
Black	310 ml	24
Grey	310 ml	24
Brown	310 ml	24
Aluminium	310 ml	24

CERTIFICATES





ROOF & PLUMBING NEUTRAL SILICONE

One-component, high quality Neutral curing 100% silicone sealant designed for applications where long term durable plumbing, spouting, roofing, flashing, cladding and guttering are required. It is suitable for sealing of connection

FEATURES

Outstanding adhesion without primer on joining elements made from brick, stone, concrete, wooden, plastic, steel, aliminum, zinc, porcelain, ceramic, PVC, metal, glass and porous surfaces. Highly elastic, +/-25% movement capability. UV, water and weather proof. Non-corrosive neutral cure. Fast curing. Low odor. Interior/exterior use. Easy to apply. Chemically resistant. Non-sag.

APPLICATION AREAS

Joints and cracks in gutters, flashing, downpipes, lap joints, skylights and cladding walls. Vent and HVAC ducts systems.

TECHNICAL FEATURES

Basis	: Silicone Polymer(Oxime)	
Curing System	: Neutral	
Density	: 1.02± 0.03 g/ml	(ASTM D 792)
(Transparent and Aluminum)		
Density	: 1.20± 0.03 g/ml	(ASTM D 792)
(Other Colors)		
Hardness Shore A	: 17-25 (after 28 days)	
(Transparent and Aluminum)		
Hardness Shore A	: 22-32 (after 28 days)	
(Other Colors)		
Tensile Strength	: ≤ 0.4 N/mm ² (23°C and 50% R.H)	(ISO 8339)
Skin formation	: 5-10 min. (23°C and 50% R.H)	
Curing Rate	: Min. 2,5 mm/day (23°C and 50% R.H)	
Elongation At Break	: ≥ 400%	(ASTM D412)
(Transparent and Aluminum)		
Elongation At Break	: ≥ 350%	
(Other Colors)		
Elastic Recovery	: Approx. 100%	(ISO 7389)
Sagging	: 0 mm	(ISO 7390)
Temperature Resistance	: -60°C to +180°C	
Application Temperature	: +5°C to +40°C	

PACKAGE

Type	Volume	Box
Brown	310 ml	24
Grey	310 ml	24

CERTIFICATES





NEUSEAL NEUTRAL SILICONE

Neutral cure, silicone sealant, exclusively created for weather sealing and glazing application. It forms highly resistive weatherproof seal on windows and building facades. It is also suitable for sealing applications on the surfaces where acetoxo silicone is not desired.

FEATURES

Provides permanent elasticity. Outstanding adhesion to many porous and non-porous substrates. Exceptional resistance to temperature extremes. Very low odor and non-corrosive to metals. Excellent UV resistance. Not affected by exposure to sunlight, rain, snow and maintains it over many years. Excellent flexibility. Fast curing, low modulus, high elasticity. High viscosity non slump formula.

APPLICATION AREAS

Premium weather sealing and joint sealing for walls, windows and doors. Sealing and mounting window and door frames. Sealing applications of marble, stone and other porous substrates. Vent and HVAC ducts systems. Outstanding primerless adhesion on joining elements made from brick, stone, concrete, wooden, plastic, steel, aluminum, zinc, porcelain, ceramic, PVC, metal profiles, glass and porous surfaces. Preliminary test is recommended for some plastics if necessary.

TECHNICAL FEATURES

Basis	: Silicone Polymer(Oxime)	
Curing System	: Neutral	
Density	: 0,98± 0.03 g/ml	(ASTM D 792)
(Transparent and Aluminum)		
Density	: 1,30± 0.03 g/ml	(ASTM D 792)
(Other Colors)		
Hardness Shore A	: 25-30 (after 28 days)	
(Transparent and Aluminum)		
Hardness Shore A	: 30-35 (after 28 days)	
(Other Colors)		
Tensile Strength	: ≤ 0,4 N/mm ² (23°C and 50% R.H)(ISO 8339)	
Skin formation	: 5-10 min. (23°C and 50% R.H)	
Curing Rate	: Min. 3 mm/day (23°C and 50% R.H)	
Elongation At Break	: ≥ 300%	(ASTM D412)
(Transparent and Aluminum)		
Elongation At Break	: ≥ 250%	
(Other Colors)		
Elastic Recovery	: Approx. 100%	(ISO 7389)
Sagging	: 0 mm	(ISO 7390)
Temperature Resistance	: -60°C to +180°C	
Application Temperature	: +5°C to +40°C	

PACKAGE

Type	Volume	Box
Transparent	300 ml	24
White	300 ml	24
Black	300 ml	24
Grey	300 ml	24
Anthracite Gray	300 ml	24
White	600 ml	12
Black	600 ml	12
Grey	600 ml	12

CERTIFICATES



EN 15651-1





WEATHERSEAL NEUTRAL SILICONE

A neutral cure, premium performance silicone sealant, exclusively produced for weather sealing and glazing application. It forms highly resistive weatherproof seal on windows and building facades.

FEATURES

Provides permanent elasticity thanks to its 100% silicone formula. Not affected by exposure to sunlight, rain, snow and maintains it over many years. Exceptional resistance to temperature extremes. Very low odor and noncorrosive. Excellent flexibility and adhesion to numerous porous and non-porous. Substrates for large scale construction and glazing applications. Fast curing, low modulus, high elasticity. High viscosity non slump formula.

APPLICATION AREAS

Premium weather sealing and joint sealing for walls, windows and doors. Sealing and mounting the window and door frames. Sealing applications of marble, stone and other porous substrates. Sealing of connection and expansion joints.

TECHNICAL FEATURES

Basis	: Silicone Polymer(Oxime)
Curing System	: Neutral
Density	: 1.02± 0.03 g/ml (ASTM D 792)
(Transparent and Aluminum)	
Density	: 1.20± 0.03 g/ml (ASTM D 792)
(Other Colors)	
Hardness Shore A	: 17-25 (after 28 days)
(Transparent and Aluminum)	
Hardness Shore A	: 22-32 (after 28 days)
(Other Colors)	
Tensile Strength	: ≤ 0,4 N/mm ² (23°C and 50% R.H) (ISO 8339)
Skin formation	: 5-10 min. (23°C and 50% R.H)
Curing Rate	: Min. 2,5 mm/day (23°C and 50% R.H)
Elongation At Break	: ≥ 400% (ASTM D412)
(Transparent and Aluminum)	
Elongation At Break	: ≥ 350%
(Other Colors)	
Elastic Recovery	: Approx. 100% (ISO 7389)
Sagging	: 0 mm (ISO 7390)
Temperature Resistance	: -60°C to +180°C
Application Temperature	: +5°C to +40°C

PACKAGE

Type	Volume	Box
Transparent	310 ml	24
White	310 ml	24
Black	310 ml	24
Grey	310 ml	24
Aluminium	310 ml	24
White	600 ml	12
Black	600 ml	12
Grey	600 ml	12

CERTIFICATES





NEUTRAL SANITARY SILICONE

One component, high quality moisture curing Neutral silicone sealant designed for sanitary applications where non-corrosive, moldproof and chemically resistant properties are required. It is suitable for sealing of connection joints between a variety of substrates in wet areas.

FEATURES

Mold & mildew proof. Resistant to cleaning agents. Maintains its flexibility at temperature extremes. Highly elastic, +/- 25% movement capability. UV, water and weather proof. Non-corrosive neutral cure. Fast curing. Low odor. Interior/ exterior use. Non-sag.

APPLICATION AREAS

Sealing applications of joints around bathtubs, showers and sinks. Sealing of joints between tiles, ceramic, metal sheets and walls. Sealing expansion joints in tile walls. Sealing of connection joints between walls and floors. Sealing of joints between glazing and supporting substrates.

TECHNICAL FEATURES

Basis	: Silicone Polymer(Oxime)
Curing System	: Neutral
Mold Resistant	: <1 g/ml 2-Octyl-2H-isothiazol-3-one
Density	: Colored: 1.20±0.02 g/ml (ASTM D 792) Clear: 1.02±0.02
Hardness Shore A	: Colored: 25-30 Clear: 20-25 (ISO 868)
Tensile Strength	: Colored: 1.5 Mpa (217 psi) (23°C and 50% R.H) Clear: 1 Mpa (145 psi) (ISO 37)
Tack Free Time	: 10-15 minutes (23°C and 50% R.H)
Curing Rate	: Min. 3 mm/24 hours (23°C and 50% R.H)
Elongation At Break	: Colored: 400% Clear: 500% (ISO 37)
Tear Propagation Resistance	: 4 N/mm (22pli) approx.. (ISO 34)
Movement Accommodation Factor	: 25%
Elastic Recovery	: Approx. 100% (ISO 10563)
Shrinkage	: Max. 6% (ISO 7390)
Paintable	: No
Temperature Resistance	: -60°C to +180°C
Application Temperature	: +5°C to +40°C

PACKAGE

Type	Volume	Box
Transparent	310 ml	12
White	310 ml	12
Black	310 ml	12
Grey	310 ml	12

CERTIFICATES





BITUM SEALANT

Solvent-based plasto-elastic bituminous sealant, reinforced by fibres, for gluing and reparations on bituminous surfaces. After curing a permanent flexible mass is formed.

FEATURES

Immediate and permanent adhesion on all common construction materials (such as brick, concrete, lead, zinc, tiles, isolation panels, certain plastics, etc...) Can be applied under humid conditions. It is thixotropic and therefore cannot drip, flow or spill and makes no threads. Free from asbestos. Remains flexible after processing and vulcanization. Resistant to moisture. Economic in use. Inflammable (when used properly). Highly insulating. Protects against rust and moisture.

APPLICATION AREAS

Waterproof sealing of joints, seams, chimneys, ventilation tubes, drainpipes, etc. Adhesive for synthetic materials, tiles, concrete, rubber, insulating panels etc. Sealing seams in wooden ships or boats.

TECHNICAL FEATURES

Basis	: Bitum
Curing System	: Neutral, physical drying
Density	: 1.25± 0.02 g/ml (ASTM D 792)
Skin formation	: 30 min. (23°C and 50% R.H)
Curing Rate	: 0,5-1 mm/day (23°C and 50% R.H)
Consumption	: 450 g/m ²
Application Temperature	: +1°C to +30°C

PACKAGE

Type	Volume	Box
Black	310 ml	24



EPDM SILICONE SEALANT

One component, neutral curing, high performance silicone sealant specially developed for bonding and sealing of EPDM sheets.



FEATURES

Moisture curing. Very good adhesion on porous and nonporous surfaces including EPDM. Resistance to wheather conditions. Fast curing. High elasticity. %100 Silicone, solventles

APPLICATION AREAS

Bonding of EPDM sheets to each other. Sealing between EPDM sheets and many different building surfaces.

TECHNICAL FEATURES

Basis	: Silicone Polymer(Oxime)
Curing System	: Neutral
Density	: 1.20± 0.03 g/ml (ASTM D 792)
Hardness Shore A	: 25±5 (after 28 days)
Tensile Strength	: ≤ 0,4 N/mm ² (23°C and 50% R.H) (ISO 8339)
Skin formation	: 5-10 min. (23°C and 50% R.H)
Curing Rate	: Min. 2,5 mm/day (23°C and 50% R.H)
Elongation At Break	: ≥ 350%
Elastic Recovery	: Approx. 100% (ISO 7389)
Sagging	: 0 mm (ISO 7390)
Yield	: Approx. 12 meters (600 mL) for 0.64 cm bead size
Temperature Resistance	: -60°C to +180°C
Application Temperature	: +5°C to +40°C

PACKAGE

Type	Volume	Box
Black	600 ml	12



IG SEALANT NEUTRAL

One- part silicone sealant developed for use as a secondary sealant in a dual-sealed insulating glass unit. Insulating glass sealant can bond the individual components, forming a weather-resistant unit.



FEATURES

Excellent unprimed adhesion to glass and metal substrates, such as galvanized steel, stainless steel. One-component formulation minimizes waste and downtime by eliminating base purging and static mixer maintenance. Consistently non-slump, permitting automated glazing. Non-corrosive by products. Fast curing formula. Resistant to temperature extremes (-60 °C to +180 °C).

APPLICATION AREAS

Primarily used as a secondary sealant in production of dual-sealed insulating glass unit production. Insulating glass silicone sealant can be also recommended with insulating glass units incorporating specialty glass types.

TECHNICAL FEATURES

Basis	: Silicone Polymer(Oxime)	
Curing System	: Neutral (Oxime)	
Density	: 1.33 ± 0.03 g/ml	(ASTM D 792)
Hardness Shore A	: 50 ± 5 (after 28 days)	(ASTM D412)
Tensile Strength	: ≥ 0,4 N/mm ² (23°C and 50% R.H) (ISO 8339)	
Skin formation	: Approx. 10 min. (23°C and 50% R.H)	
Curing Rate	: Min. 2,5 mm/day (23°C and 50% R.H)	
Elastic Recovery	: < 90%	(ISO 7389)
Elongation At Break	: Min. 200%	(ASTM D412)
Sagging	: 0 mm (ISO 7390)	
Yield	: Approx. 12 meters (600 mL) for 0.64 cm bead size	
Temperature Resistance	: -60°C to +180°C	
Application Temperature	: +5°C to +40°C	

PACKAGE

Type	Volume	Box
Black	600 ml	12





HEAT FIGHTER

One-component silicate based joint filler for high-temperature applications. Insulation and filling of cracks. Outstandingly workable and smoothable.

FEATURES

Resistant up to +1500°C. Resistant to direct flame. Fast dry. Can be used on all porous surfaces such as brick, concrete etc. Very easy to apply and clean. Suitable on natural stones. No fragmentation or cracking after curing. Low odour.

APPLICATION AREAS

Insulation and sealing works requiring heat-resistance. Insulation of joints and filling of cracks in chimneys, ovens, fireplaces and stoves, suitable for sealing soot doors. Adheres to metal, stone, brick and concrete substrates. Exercise care during any contact with metal, since metal moves when exposed to temperature whereas sealant does not.

TECHNICAL FEATURES

Basis	: Sodium Silicate
Consistency	: Paste
Skin Forming Time	: 3-5 min (23 °C and 50% R.H)
Specific gravity	: $2,04 \pm 0,02 \text{ gr/cm}^3$ (ASTM D 792)
Curing Rate	: 2 mm/day (23 °C and 50% R.H)
Shore A hardness	: 75 ± 5 Shore A Before heating
Temperature resistance after curing	: Short time up to +1500°C
Application Temperature	: +5°C to +35°C

PACKAGE

Type	Volume	Box
Black	310 ml	12





SANITARY KITCHEN & BATHROOM SILICONE

Acetoxy cure, high performance, mold-proof silicone sealant designed for gap filling and sealing in a wide range of sanitary applications.

FEATURES

100% Silicone, solventless. One component, moisture-cured. Highly Resistive to mold formation. Excellent primer less adhesion to numerous porous and non-porous substrates. Excellent weather ability in direct sunlight, rain, snow and ozone. Resistant to temperature extremes (-60 °C to +180 °C). Fast curing. Low modulus, high elasticity. Outstanding resistance to mildew and fungus. Does not crack or discolor. Withstands detergents, cleaning agents and chemicals. Acetoxy curing system. Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168.

APPLICATION AREAS

Sealing of connection joints. Weather seal applications. Glazing works. Sanitary joints: Sealing applications in kitchens and bathrooms.

TECHNICAL FEATURES

Basis	: Silicone Polymer	
Curing System	: Acetoxy	
Density	: 1.02 ± 0.03 g/ml	(ASTM D 792)
Hardness Shore A	: 24-30 (after 28 days)	
Tensile Strength	: ≤ 0,4 N/mm ²	(ISO 8339)
Skin formation	: 7-13 min. (23°C and 50% R.H)	
Curing Rate	: Min. 3 mm/day (23°C and 50% R.H)	
Elongation At Break	: ≥ 250%	(ASTM D 412)
Elastic Recovery	: Approx.100%	(ISO 7389)
Sagging	: 0 mm	(ISO 7390)
Change in volume	: < 5%	(ISO 10563)
Temperature Resistance	: -50°C to +200°C	
Application Temperature	: +5°C to +40°C	



PACKAGE

Type	Volume	Box
Transparent	280 ml	24
White	280 ml	24

CERTIFICATES

CE
EN 15651-1
EN 15651-2
EN 15651-3



SHOWER CABINE KITCHEN&BATHROOM SILICONE

Specially formulated for use in production and installation of shower cabins which has no solvent and shows excellent mold resistant properties. It's a superior sealant for sealing and glazing applications featuring excellent adhesion and durability.

FEATURES

Conforms to ISO EN 11600-F-20LM. 100% silicone, does not contain any solvent. Cures very fast. Mold-Proof. No shrinkage. Stays bright and clean. Outstanding resistance to mildew and fungus. Resistant to temperature extremes and aging. Does not crack or discolor. Withstands detergents, cleaning agents and chemicals. Acetoxy curing system. Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168.

APPLICATION AREAS

Glazing and fixing in shower cabinets during production. Filling joints between tiles, tub and shower cabin during installation. Filling joints between bath tubs and tiles after production. Waterproofing sinks.

TECHNICAL FEATURES

Basis	: Silicone Polymer
Curing System	: Acetoxy
Density	: 1.02 ± 0.03 g/ml (ASTM D 792)
Hardness Shore A	: 24-30 (after 28 days)
Tensile Strength	: ≤ 0,4 N/mm ² (ISO 8339)
Skin formation	: 7-13 min. (23°C and 50% R.H)
Curing Rate	: Min. 3 mm/day (23°C and 50% R.H)
Elongation At Break	: ≥ 250% (ASTM D 412)
Elastic Recovery	: Approx.100% (ISO 7389)
Sagging	: 0 mm (ISO 7390)
Change in volume	: < 5% (ISO 10563)
Temperature Resistance	: -50°C to +200°C
Application Temperature	: +5°C to +40°C

PACKAGE

Type	Volume	Box
Transparent	310 ml	24
White	310 ml	24

CERTIFICATES



EN 15651-1
EN 15651-2
EN 15651-3





AQUARIUM NON-TOXIC SILICONE

Non-toxic, solvent-free silicone sealant for use in aquarium construction and glazing applications. It's a high-quality acetic curing system based silicone sealant featuring excellent adhesion to glass and many other non-porous surfaces.

FEATURES

100% silicone. Very good bonding strength. Rapid curing. Non-toxic to fish. One component, cures with atmospheric moisture. Keep its elasticity at low and high temperatures. Does not crack, discolour or shrink. Resistant to many chemicals. Resistant to UV radiation.

APPLICATION AREAS

Bonding, sealing and repairing of aquariums.

TECHNICAL FEATURES

Basis	: Silicone Polymer
Curing System	: Acetoxo
Density	: 1.02 ± 0.03 g/ml
HardnessShore A	: 24-30 (after 28 days)
Tensile Strength	: $\leq 0,4\text{N/mm}^2$ (ISO 8339)
Skin formation	: 7-13 min. (23°C and 50% R.H)
Curing Rate	: Min. 3 mm/day(23°C and 50% R.H)
Elongation At Break	: $\geq 250\%$ (ASTM D412)
Elastic Recovery	: %100 (ISO 7389)
Sagging	: 0 mm (ISO 7390)
Change in volume	: < 5% (ISO 10563)
Temperature Resistance	: -50°C to +200°C
Application Temperature	: +5°C to +40°C



PACKAGE

Type	Volume	Box
Transparent	310 ml	24
Black	280 ml	24
Black	310 ml	24

CERTIFICATES



EN 15651-1
EN 15651-2

UNIVERSAL SILICONE SEALANT

One-component silicone sealant for a range of general sealing and glazing applications. It provides a strong adhesion and suitable for use on common non-porous building materials.



FEATURES

Stays permanently elastic after curing. Remains flexible in low and high temperatures. Resistant to temperature extremes. Resistance to aging, cracking and discoloring.

APPLICATION AREAS

Sealing around windows and doors. Sealing in DIY applications. On bathroom, kitchen and plumbing applications. Connection and expansion joints on glass, porcelain, steel etc. Sealing electric, telephone etc. sockets and switches.



TECHNICAL FEATURES

Basis	: Silicone Polymer	
Curing System	: Acetoxo	
Density	: 0.96 - 0.98 g/ml	(ASTM D 792)
Shore A Hardness	: 15-25 (after 28 days)	
Skin formation	: 8-20 min. (23°C and 50% R.H)	
Curing Rate	: Min. 2.5 mm/day (23°C and 50% R.H)	
Tensile Strength	: $\geq 0,7 \text{ N/mm}^2$	(ASTM D 412)
Elongation At Break	: $\geq 350\%$	(ASTM D 412)
Sagging	: 0 mm	(ISO 7390)
Application Temperature	: +5°C to +40°C	

PACKAGE

Type	Volume	Box
Transparent	Gw. 325 g. /280ml	24
White	Gw. 325 g. /280ml	24
Black	Gw. 325 g. /280ml	24
Brown	Gw. 325 g. /280ml	24
Grey	Gw. 325 g. /280ml	24
Golden Oak	Gw. 325 g. /280ml	24
Light Ivory RAL1015	Gw. 325 g. /280ml	24
Bronz	Gw. 325 g. /280ml	24
Aluminium -Simli grey	Gw. 325 g. /280ml	24
Transparent	310 ml	24
White	310 ml	24
Black	310 ml	24
Transparent	300 ml (Reusables)	24
White	300 ml (Reusables)	24
Transparent	80 ml	36
White	80 ml	36
Black	80 ml	36
Grey	80 ml	36
Transparent / Blister	50 ml	24/192
White / Blister	50 ml	24/192

CERTIFICATES



EN 15651-1
EN 15651-2
EN 15651-3



HIGH PERFORMANCE SEALANT

One-component, premium quality acrylic based sealer. It is suitable for sealing low movement joints between construction materials such as brick, concrete, wood, drywalls and plasterboards, etc.

FEATURES

Permanently flexible, crack proof. Easy tooling and water clean-up. Very low VOC content. Interior/exterior use. Sandable. Non-sag. Paintable. Water-proof after curing.

APPLICATION AREAS

Filling low movement joints between various construction substrates such as brick, concrete, wood, drywalls and plaster etc. Filling cracks in walls, plasters and on ceilings. Sealing corner joints and cornices. Sealing window and door frames. Sealing gaps in skirting boards and staircases.

TECHNICAL FEATURES

Basis	: Acrylic Dispersion
Consistency	: Smooth paste
pH	: 7,5-9
Specific gravity	: 1,54 ± 0,03 gr/cm ³ (ASTM D 792)
Tack-Free time	: 10-30 min (23 °C and 50% R.H) (ASTM C 679)
Curing Rate (mm/day)	: 2 mm/day (23 °C and 50% R.H)
Shore A hardness	: 30-50 Shore A
Weight loss	: %20 ±2
Elongation	: >%350
Modulus 100 % elongation	: ≥0,20 N/mm ²
Max. tensile strength	: ≥ 0,40 N/mm ²
Application Temperature	: +5 °C to +35 °C

PACKAGE

Type	Volume	Box
White	310 ml	24





ACRYLIC DUCT SEAL

Fiber reinforced, water based duct sealant.

FEATURES

Excellent workability. Very low VOC content. Permanently flexible. No drip nor sag. Low shrinkage. Indoor and outdoor use.

APPLICATION AREAS

Suitable for sealing metal to metal joints to prevent air leaks in air-conditioning, refrigeration, ventilation and air distribution systems.

TECHNICAL FEATURES

Basis	: Acrylic Dispersion
Consistency	: Smooth paste
pH	: 7,5-9
Specific gravity	: 1,40 ± 0,03 gr/cm ³ (ASTM D 792)
Tack-Free time	: 15-60 min (23 °C and 50% R.H) (ASTM C 679)
Curing Rate (mm/day)	: 2 mm/day (23 °C and 50% R.H)
Shore A hardness	: 40-70 Shore A
Temperature resistance	: -10 °C to +80 °C
Application Temperature	: +5 °C to +40 °C



PACKAGE

Type	Volume	Box
White	310 ml	12
Grey	310 ml	12

CERTIFICATES





PINK SEAL

Multipurpose acrylic sealant formulated to provide a dry time indicator.

FEATURES

Pink in color and becomes white after drying. Very low VOC content. Water-proof after curing. Very easy application. Over paintable. Can be used on all porous surfaces such as brick, concrete, wood etc.

APPLICATION AREAS

Sealing of low and medium movement joints between various construction materials (wood, concrete, brick etc.). Sealing joints between windows, walls, doors etc. Filling cracks in walls and on ceilings.

TECHNICAL FEATURES

Basis	: Acrylic Dispersion
Consistency	: Smooth paste
pH	: 8,5-9,5
Specific gravity	: $1,62 \pm 0,03 \text{ gr/cm}^3$ (ASTM D 792)
Tack-Free time	: 15-60 min (23°C and 50% R.H) (ASTM C 679)
Curing Rate (mm/day)	: 2 mm/day (23°C and 50% R.H)
Shore A hardness	: 40-70 Shore A
Volume shrinkage	: %32 (ASTM D 412)
Weight loss	: %20
Elongation	: >%150
Modulus 100 % elongation	: $\geq 0,40 \text{ Mpa}$
Max. tensile strenght	: $\geq 0,50 \text{ Mpa}$
Tensile strenght	: $\geq 0,15 \text{ Mpa}$
Temperature resistance	: -10 °C to +80 °C
Application Temperature	: +5 °C to +40 °C

PACKAGE

Type	Volume	Box
Pink-White	310 ml	12

CERTIFICATES





CLEAR SEAL

Plasto-elastic acrylic adhesive and sealant that becomes crystal clear upon curing.

FEATURES

Becomes transparent when cured. Very low VOC content. Water-proof after curing. Can be used on all porous surfaces such as brick, concrete, wood etc. Easy to apply.

APPLICATION AREAS

Suitable for sealing applications in bathroom and kitchen. Can be used as an adhesive for wood, bricks, concrete etc.

TECHNICAL FEATURES

Basis	: Acrylic Dispersion
Consistency	: Smooth paste
pH	: 7,5-9
Specific gravity	: 1,05 ± 0,03 gr/cm ³ (ASTM D 792)
Skin formation time	: 15-30 min (23 °C and 50% R.H) (ASTM C 679)
Curing Rate (mm/day)	: Approx. 2 mm/day (23 °C and 50% R.H)
Solid Content	: Min. 52%
Shore A hardness	: 40-70 Shore A
Elongation	: >%600 (ASTM D 412)
Modulus 100 % elongation	: ≥0,30 Mpa
Tensile strength	: ≥ 0,50 Mpa (ASTM D 412)
Temperature resistance	: -10 °C to +80 °C
Application Temperature	: +5 °C to +35 °C

PACKAGE

Type	Volume	Box
Transparent	310 ml	12

CERTIFICATES





ULTRALIGHT GAP FILLER

One-component, water based acrylic sealant designed for general purpose gap filling and repairing wall before painting. It provides permanently water repellent layer after curing. Especially suitable for filling low movement joints and cracks between construction materials such as brick, concrete, wood, drywalls and plasterboards, etc.

FEATURES

Flexible, crack proof. Outstanding adhesion to concrete, masonry and brick, etc. Very low VOC content. Interior/ exterior use. Water clean-up. Paintable. UV, water and weather proof. Easy and smooth application.

APPLICATION AREAS

Use as wall repair compound on small holes and cracks in wallboard, wood & plaster. Filling low movement joints between various construction substrates such as brick, concrete, wood, drywalls and plaster etc.

TECHNICAL FEATURES

Basis	: Acrylic Dispersion
Consistency	: Smooth paste
pH	: 7,5-9
Specific gravity	: $0,85 \pm 0,05$ gr/cm ³ (ASTM D 792)
Tack-Free time	: 5-10 min (23 °C and 50% R.H) (ASTM C 679)
Curing Rate (mm/day)	: 2 mm/day (23 °C and 50% R.H)
Shore A hardness	: 40-70 Shore A
Volume shrinkage	: %35 (ASTM D 412)
Weight loss	: %30
Elongation	: >%100
Modulus 100 % elongation	: $\geq 0,30$ Mpa
Max. tensile strenght	: $\geq 0,10$ Mpa
Tensile strenght	: $\geq 0,40$ Mpa
Temperature resistance	: -10 °C to +80 °C
Application Temperature	: +5 °C to +40 °C

PACKAGE

Type	Volume	Box
White	310 ml	12

CERTIFICATES





ACRYLIC SEALANT

One-component universal acrylic sealant suitable for filling cracks and joints both indoors and outdoors. It's a cost-effective plastic-elastic sealant ideal for particularly static joints.

FEATURES

Over paintable. Very low VOC content. Very easy to apply and clean. Water-proof after curing. Can be used on all porous surfaces such as brick, concrete, wood etc. No odour.

APPLICATION AREAS

Sealing of low movement joints between various construction materials (wood, concrete, brick etc.). Filling cracks in walls and on ceilings. Sea-ling joints between windows, walls, doors etc.

TECHNICAL FEATURES

Basis	: Acrylic Dispersion
Consistency	: Smooth paste
pH	: 7-9
Specific gravity	: $1,62 \pm 0,03 \text{ gr/cm}^3$ (ASTM D 792)
Tack-Free time	: $50 \pm 20 \text{ min}$ (23 °C and 50% R.H) (ASTM C 679)
Curing Rate (mm/day)	: 2 mm/day (23 °C and 50% R.H)
Shore A hardness	: 40 – 70 Shore A
Ultimate elongation	: $\geq 100 \%$ (ASTM D 412)
Temperature resistance	: -10 °C to +80 °C
Application Temperature	: +5 °C to +40 °C

PACKAGE

Type	Volume	Box
White	310 ml	24
White	310 ml	24
White	310 ml	24

CERTIFICATES





ACRYLIC SEALANT

One-component universal acrylic sealant suitable for filling cracks and joints both indoors and outdoors. It's a cost-effective plastic-elastic sealant ideal for particularly static joints.

FEATURES

Over paintable. Very low VOC content. Very easy to apply and clean. Water-proof after curing. Can be used on all porous surfaces such as brick, concrete, wood etc. No odour.

APPLICATION AREAS

Sealing of low movement joints between various construction materials (wood, concrete, brick etc.). Filling cracks in walls and on ceilings. Sea-ling joints between windows, walls, doors etc.

TECHNICAL FEATURES

Basis	: Acrylic Dispersion
Consistency	: Smooth paste
pH	: 7-9
Specific gravity	: $1,62 \pm 0,03 \text{ gr/cm}^3$ (ASTM D 792)
Tack-Free time	: $50 \pm 20 \text{ min}$ (23 °C and 50% R.H) (ASTM C 679)
Curing Rate (mm/day)	: 2 mm/day (23 °C and 50% R.H)
Shore A hardness	: 40 – 70 Shore A
Ultimate elongation	: $\geq 100 \%$ (ASTM D 412)
Temperature resistance	: -10 °C to +80 °C
Application Temperature	: +5 °C to +40 °C

PACKAGE

Type	Volume	Box
White	White	24

CERTIFICATES





SILICONIZED SEALANT

One-component acrylic emulsion based sealant reinforced with silicone emulsion. It has superior adhesion and good elasticity.

FEATURES

Water based & Non-toxic. Very low VOC content. Water-proof after curing. Over paintable. Very easy to apply and clean. Can be used on all porous surfaces such as brick, concrete, wood etc. No odour.

APPLICATION AREAS

Sealing of low movement joints between various construction materials (wood, concrete, brick etc.). Sealing joints between windows, walls, doors etc. Filling cracks in walls and on ceilings.



TECHNICAL FEATURES

Basis	: Acrylic Dispersion
Consistency	: Smooth paste
pH	: 7-8
Specific gravity	: $1,60 \pm 0,03 \text{ gr/cm}^3$ (ASTM D 792)
Tack-Free time	: $50 \pm 20 \text{ min}$ (23 °C and 50% R.H) (ASTM C 679)
Curing Rate (mm/day)	: 2 mm/day (23 °C and 50% R.H)
Shore A hardness	: 30-50 Shore A
Ultimate elongation	: $\geq 300\%$ (ASTM D 412)
Temperature resistance	: -10 °C to +80 °C
Application Temperature	: +5 °C to +40 °C

PACKAGE

Type	Volume	Box
White	310 ml	24
White	310 ml	24
Black	310 ml	24
Grey	310 ml	24
Brown	310 ml	24
Ligth Ivory	310 ml	24
Golden Oak	310 ml	24
Beige	310 ml	24
White	600 ml	12
Black	600 ml	12
Grey	600 ml	12
Brown	600 ml	12
White	80 ml	36

CERTIFICATES





DECORATIVE FLEXIBLE FILLER

One-component, premium quality acrylic decorative filler designed for general purpose gap filling. Especially suitable for filling low movement joints and cracks between construction materials such as brick, concrete, wood, drywalls and plasterboards, etc.

FEATURES

Permanently flexible, crack proof. Easy tooling and water clean-up,
Very low VOC content. Interior/exterior use. Sandable. Non-sag. Paintable. Water-proof after curing.

APPLICATION AREAS

Filling low movement joints between various construction substrates such as brick, concrete, wood, drywalls and plaster etc. Filling cracks in walls, plasters and on ceilings. Sealing corner joints and cornices. Sealing window and door frames. Sealing gaps in skirting boards and staircases.

TECHNICAL FEATURES

Basis	: Acrylic Dispersion
Consistency	: Smooth paste
pH	: 7-8
Specific gravity	: $1,60 \pm 0,03 \text{ gr/cm}^3$ (ASTM D 792)
Tack-Free time	: $50 \pm 20 \text{ min}$ (23 °C and 50% R.H) (ASTM C 679)
Curing Rate (mm/day)	: 2 mm/day (23 °C and 50% R.H)
Shore A hardness	: 30-50 Shore A
Ultimate elongation	: $\geq 300\%$ (ASTM D 412)
Temperature resistance	: -10 °C to +80 °C
Application Temperature	: +5 °C to +40 °C

PACKAGE

Type	Volume	Box
White	310 ml	12

CERTIFICATES





RAPID SEAL

One component high quality acrylic emulsion based sealant. Overpaintable crack-free after just 10 minutes.

FEATURES

Crack-free painting in 10 minutes. 15% movement capability. Water based, non toxic. Very low VOC content. Water-proof after curing. Very easy to apply and clean. Can be used on all porous surfaces such as brick, concrete, wood etc. No odour.

APPLICATION AREAS

Sealing of low movement joints between various construction materials. (wood, concrete, brick etc.). Sealing joints between windows, walls, doors etc. Filling cracks in walls and on ceilings.

TECHNICAL FEATURES

Basis	: Acrylic Dispersion	
Consistency	: Solid Paste	
pH	: 7-9	
Density	: 1,65± 0,03 gr / ml	
Skin formation time	: 5-15 min (23°C,50% R.H.)	
Curing rate	: 2 mm / 24h (23°C,50% R.H.)	
Hardness Shore A	: 25-40 shore A	(ISO 868)
Elongation at break	: ≥ 200%	(DIN 53504)
Sagging	: 0 mm	(ISO 7390)
Elongation at break after : ≥90% immersion in water	(ISO 10591)	
Temperature Resistance	: From -10°C to +80°C	
Application Temperature	: From +5°C to +40°C	

PACKAGE

Type	Volume	Box
White	310 ml	12

CERTIFICATES





WOODFLEX FILLING / FIXING / REPAIR

AS608, is a one component, high-quality flexible wood sealant based on acrylic dispersion. Can be used for filling, fixing and repair. In addition to wood, adheres well to concrete, plaster, cement, plaster boards, bricks and metals.

FEATURES

Solvent free. Very low VOC content. Colourfast and waterproof after curing. Can be varnished and sandable after curing. Withstands surface movement up to 15%. Very good adhesion on many porous surfaces. Very easy to apply.

APPLICATION AREAS

Sealing of joints between wooden floors and walls. Sealing of laminate flooring. Sealing of joints between floors and skirting boards. Suitable for cracks in wooden floors.

TECHNICAL FEATURES

Basis	: Acrylic Dispersion
Consistency	: Smooth paste
pH	: 7,5-9
Specific gravity	: $1,62 \pm 0,03 \text{ gr/cm}^3$ (ASTM D 792)
Tack-Free time	: 15-60 min (23 °C and 50% R.H) (ASTM C 679)
Curing Rate (mm/day)	: 2 mm/day (23 °C and 50% R.H)
Shore A hardness	: 40-70 Shore A
Volume shrinkage	: %29 (ASTM D 412)
Weight loss	: %18
Elongation	: >%100
Modulus 100 % elongation	: $\geq 0,20 \text{ Mpa}$
Max. tensile strenght	: $\geq 0,30 \text{ Mpa}$
Tensile strenght	: $\geq 0,10 \text{ Mpa}$
Temperature resistance	: -10 °C to +80 °C
Application Temperature	: +5 °C to +40 °C



PACKAGE

Type	Volume	Box
18 colours	310 ml	12
18 colours	5 kg	1
18 colours	10 kg	1

CERTIFICATES





ALL SEASONS CAULK SEALANT

One-component general purpose acrylic sealant reinforced with silicone dispersion. AS609 provides superior crack-proof durability and adhesion that prevents air, moisture, insect, dust and dirt from passing through expansion joints and cracks. It is developed for use in all seasons when freeze thaw stability properties and durable flexibility are necessary.

FEATURES

Freeze thaw stable. Paintable. Interior/exterior use. Permanently flexible, crack proof. Easy water clean-up. Water-proof after curing. Low VOC content. Smooth and easy tooling. Low odor. Excellent adhesion to most porous surfaces such as brick, concrete, wood, drywalls and plaster etc.

APPLICATION AREAS

Sealing of low and medium movement joints between various construction materials. Sealing window and door frames. Sealing siding and trim. Sealing anywhere a wetter-proof seal is required. Sealing corner joints. Filling cracks in walls and on ceilings.



TECHNICAL FEATURES

Basis	: Acrylic Dispersion
Consistency	: Smooth paste
pH	: 7-8
Specific gravity	: $1.67 \pm 0.03 \text{ gr/cm}^3$ (ASTM D 792)
Tack-Free time	: $50 \pm 20 \text{ min}$ (23 °C and 50% R.H) (ASTM C 679)
Curing Rate (mm/day)	: 2 mm/day (23 °C and 50% R.H)
Shore A hardness	: 30-50 Shore A
Ultimate elongation	: $\geq 300\%$ (ASTM D 412)
Temperature resistance	: -10 °C to +80 °C
Application Temperature	: +5 °C to +40

PACKAGE

Type	Volume	Box
White	310 ml	12
Black	310 ml	12
Grey	310 ml	12

CERTIFICATES





WOOD FILLER

Water-based, ready to use, premium-grade multi-purpose filler especially formulated for filling and repairing holes and imperfections on wood materials. Once dry, the filler leaves a sandable surface, which can be stained or painted.

FEATURES

No mixing required, easy to use. Dries quickly to a hard finish. Easy to sand, can be drilled. Can be varnished or painted. Non flammable. Water based non-toxic. Fresh filler can easily be cleaned with water.

APPLICATION AREAS

Wood filler is used to fill cracks, splits, holes and surface defects and imperfections in all kinds of wood. Suitable as a grain filler, including end grain. Also can be used for repairs of concrete and plaster surfaces of walls and ceilings.

TECHNICAL FEATURES

Base	: Acrylic Polymer Curing
Mechanism	: Physical curing
Density	: 1.71 ± 0.04 g/ml
Tack Free Time	: 10-30 min. (23 °C % 50 humidity)
Application Temp. Range	: 5-35°C
Consistency	: Paste



PACKAGE

Type	Volume	Box
White	300 gr	12

CERTIFICATES



BUTYL SEALANT

One-component, polybutene-based thixotropic sealing material with good adhesion to many construction materials.

FEATURES

It retains its flexibility after application and is resistant to vibrations. It provides sealing in the joint it is filled and prevents moisture and dust from entering. Easy application. Not paintable.

APPLICATION AREAS

It is used in the assembly of ventilation ducts, air conditioner assembly, in the joints of metal roof panels, in the joints of metal and wooden joinery with the wall, in expansion joints where low movement is expected.

TECHNICAL FEATURES

Basis	: Butyl based thixotropic paste
Curing Mechanism	: Moisture
Skin Formation	: 6-8 hours
Density	: 1.66± 0.2 g/cm ³ (ASTM D 792)
Volume Loss	: 0
Flow Rate	: 50-60 gr/min.
Application Temperature	: +5°C to +25°C
Max. Application Width	: 20 mm
Max. Application Depth	: 8 mm

PACKAGE

Volume	Box
310 ml	30
400, 600ml	24

CERTIFICATES





WOOD FILLER

Water-based, ready to use, premium-grade multi-purpose filler especially formulated for filling and repairing holes and imperfections on wood materials. Once dry, the filler leaves a sandable surface, which can be stained or painted.

FEATURES

No mixing required, easy to use. Dries quickly to a hard finish. Easy to sand, can be drilled. Can be varnished or painted. Non flammable. Water based non-toxic. Fresh filler can easily be cleaned with water.

APPLICATION AREAS

Wood filler is used to fill cracks, splits, holes and surface defects and imperfections in all kinds of wood. Suitable as a grain filler, including end grain. Also can be used for repairs of concrete and plaster surfaces of walls and ceilings.

TECHNICAL FEATURES

Base	: Acrylic Polymer Curing
Mechanism	: Physical curing
Density	: 1.71 ± 0.04 g/ml
Tack Free Time	: 10-30 min. (23 °C % 50 humidity)
Application Temp. Range	: 5-35°C
Consistency	: Paste



PACKAGE

Type	Volume	Box
White	300 gr	12

CERTIFICATES



WALL REPAIR PATCH KIT

Consists of ready mixed drywall repair compound with high crack filling capacity in concrete, flexible self-adhesive perforated aluminum patch, grit sandpaper and ergonomic plastic putty knife.

FEATURES

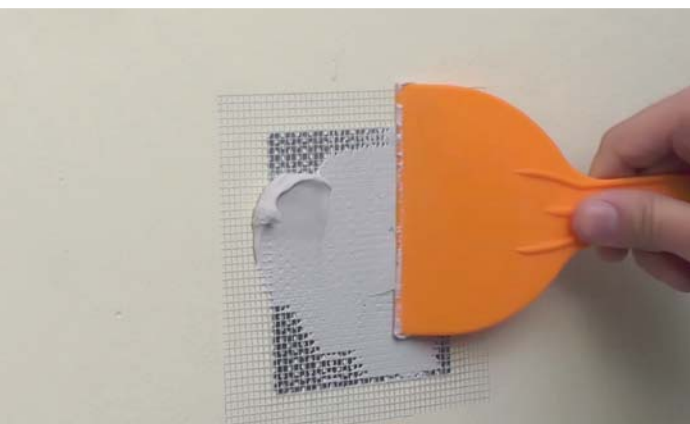
No mixing required, easy to use. High crack filling capacity. All required equipment is in one package. Dries quickly to a hard finish. Can be varnished or painted. Easy to sand, can be drilled. Water based non-toxic.

APPLICATION AREAS

Drywall Repair Kit is used to fill cracks, splits, holes and surface defects and imperfections in construction materials like wood, concrete, brick etc. Effectively repairs the concrete and plaster surfaces of walls and ceilings.

TECHNICAL FEATURES

Base	: Natural Polymer based
Curing Mechanism	: Moisture
Density	: $1.92 \pm 0.04 \text{ gr/cm}^3$
Practical Consumption	: $0,600 \text{ Lt/m}^2 - (1,052 \text{ Kg/m}^2)$
Tack Free Time	: 5-45 min. (23 °C % 50 humidity)
Application Temp. Range	: 5°C -30°C
Viscosity	: Paste
Water Resistance	: Poor- needs to be over-coated for external applications
Drying Time	: 3 mm / 24 hours (23 °C % 50 humidity)
Paintability*	: After 1 hour
Ph	: 7,5-9



PACKAGE

Type	Volume	Box
Plastic Patch, Sandpaper, Spatula	280 ml	16
Metal Patch, Sandpaper, Spatula	280 ml	16

CERTIFICATES



PU FOAM

PRODUCTS



THERMAL & ACOUSTIC INSULATION PU SPRAY FOAM

High quality heat and sound insulation product for buildings and houses. Provides a unique, monolithic thermal insulation application without junctures, seams and gaps. An innovative alternative to traditional building insulation methods such as polystyrene heat insulation boards, glass wool and rock wool. Single-component product used with an applicator gun. It does not contain any propellant gases which are harmful to the ozone layer.

FEATURES

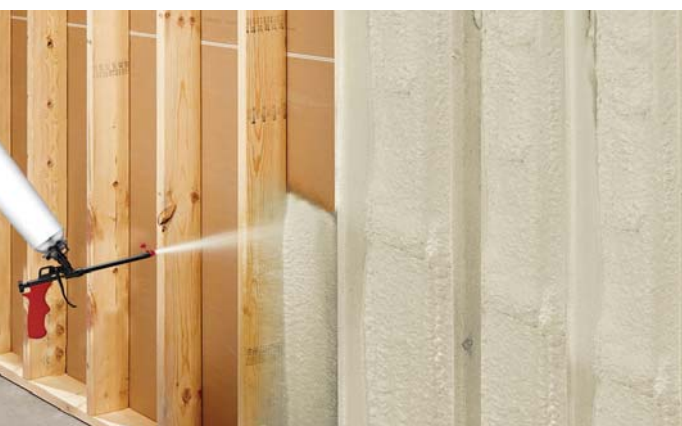
Excellent adhesion to all kind of building materials, Can be applied easily to uneven, hard to reach surfaces where it is not possible to use traditional insulation materials, Excellent thermal insulation value (0.025 W/(m.K), Elimination of thermal bridges, Elimination of the dew point, (*)Yield up to 3m² with 1.5cm thickness for one layer if applied from a distance of ~40cm with normal application speed, No need to use mechanical fastening elements after use, Over paintable.

APPLICATION AREAS

Roofs, attics, facades, foundations, basements, floors, interior walls, inter-floor overlappings, interior partitions, ceilings and cellars, Structural elements of buildings, balcony, loggia, doors, window slopes, pipes, canals and tank kind round surfaces, uneven and rough all surfaces, Car body and car trailers, boats, yachts, vessels and all kind of sea vehicles.

TECHNICAL FEATURES

Basis	: Polyurethane Prepolymer
Curing System	: Moisture cure
Specific Gravity	: 17-28 kg/m ³ (ASTM D1622)
Tack-Free Time	: 4 min (ASTM C1620)
Foam Color	: Light yellow
Yield	: 3 m ² for 1,5 cm thickness
Fire Class of the Cured Foam : B3, F (DIN 4102-1) (I3501-1)	
Thermal Conductivity	: 0,025 W/m.K (at 20°C) (DIN 52612)
Acoustic Insulation	: 50db at 1600hz (EN ISO 717-1)
R Value	: 5,66 (per inch)
Compression Strength	: 0,03 MPa (DIN 53421)
Full Cure	: 24 hours
Can Temperature	: min.5°C max. +30°C
Temperature Resistance	: -75°C to +115°C
Application Temperature	: +5°C to +30°C
The results were obtained by providing optimum environmental conditions.	



PACKAGE

Type	Volume	Box
Summer+5	850ml/Gw.930gr	12

CERTIFICATES





THERMAL & ACOUSTIC INSULATION PU SPRAY FOAM (STRAW USE)

Top quality heat and sound insulation foam at buildings and houses. Provides a unique, monolithic thermal insulation application without junctures, seams and gaps. An innovative alternative to traditional building insulation methods such as polystyrene heat insulation boards, glass wool and rock wool. Single-component product used with a straw. It does not contain any propellant gases which are harmful to the ozone layer.

FEATURES

Excellent adhesion to all kind of building materials. Can be applied easily to uneven, hard to reach surfaces where it is not possible to use traditional insulation materials. Elimination of thermal bridges. Elimination of the dew point. Yield up to 20 board foot with 1 inch thickness for one layer if applied from a distance of -16inch with normal application speed. No need to use mechanical fastening elements after use. Over paintable.

APPLICATION AREAS

Roofs, attics, facades, foundations, basements, floors, interior walls, inter-floor overlapping, interior partitions, ceilings and cellars. Structural elements of buildings, balcony, loggia, doors, window slopes, pipes, canals and tank kind round surfaces, uneven and rough all surfaces. Car body and car trailers, boats, yachts, vessels and all kind of sea vehicles.

TECHNICAL FEATURES

Basis	: Polyurethane Prepolymer
Curing System	: Moisture cure
Specific Gravity	: 17-28 kg/m ³ (ASTM D1622)
Tack-Free Time	: 4 min (ASTM C1620)
Foam Color	: Light yellow
Yield	: 3 m ² for 1,5 cm thickness
Fire Class of the Cured Foam	: B3, F (DIN 4102-1) (13501-1)
Thermal Conductivity	: 0,025 W/m.K (at 20°C) (DIN 52612)
Acoustic Insulation	: 50db at 1600hz (EN ISO 717-1)
R Value	: 5,66 (per inch)
Compression Strength	: 0,03 MPa (DIN 53421)
Full Cure	: 24 hours
Can Temperature	: min.5°C max. +30°C
Temperature Resistance	: -75°C to +115°C
Application Temperature	: +5°C to +30°C
The results were obtained by providing optimum environmental conditions.	

PACKAGE

Type	Volume	Box
Summer+5	850ml/Gw.930gr	12

CERTIFICATES





THERMAL & ACOUSTIC INSULATION FIRE RATED PU SPRAY FOAM

High quality heat and sound insulation product for buildings and houses. Provides a unique, monolithic thermal insulation application without junctures, seams and gaps. An innovative alternative to traditional building insulation methods such as polystyrene heat insulation boards, glass wool and rock wool. Single-component product used with an applicator gun. It does not contain any propellant gases which are harmful to the ozone layer.

FEATURES

Excellent adhesion to all kind of building materials, Can be applied easily to uneven, hard to reach surfaces where it is not possible to use traditional insulation materials, Excellent thermal insulation value (0.025 W/(m.K), Elimination of thermal bridges, Elimination of the dew point, (*)Yield up to 3m² with 1.5cm thickness for one layer if applied from a distance of ~40cm with normal application speed, No need to use mechanical fastening elements after use, Over paintable.

APPLICATION AREAS

Roofs, attics, facades, foundations, basements, floors, interior walls, inter-floor overlappings, interior partitions, ceilings and cellars, Structural elements of buildings, balcony, loggia, doors, window slopes, pipes, canals and tank kind round surfaces, uneven and rough all surfaces, Car body and car trailers, boats, yachts, vessels and all kind of sea vehicles.

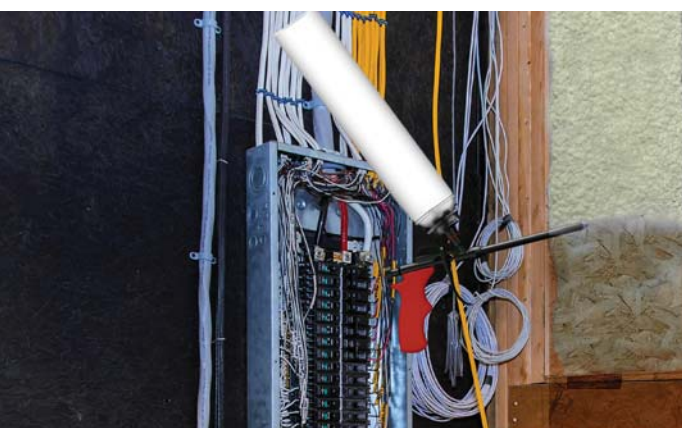
TECHNICAL FEATURES

Basis	: Polyurethane Prepolymer
Curing System	: Moisture cure
Specific Gravity	: 17-28 kg/m ³ (ASTM D1622)
Tack-Free Time	: 4 min (ASTM C1620)
Foam Color	: Light yellow
Yield	: 3 m ² for 1,5 cm thickness
Fire Class of the Cured Foam : B2, E (DIN 4102-1) (13501-1)	
Thermal Conductivity	: 0,025 W/m.K (at 20°C) (DIN 52612)
Acoustic Insulation	: 50db at 1600hz (EN ISO 717-1)
R Value	: 5,66 (per inch)
Compression Strength	: 0,03 MPa (DIN 53421)
Full Cure	: 24 hours
Can Temperature	: min.5°C max. +30°C
Temperature Resistance	: -75°C to +115°C
Application Temperature	: +5°C to +30°C
The results were obtained by providing optimum environmental conditions.	

PACKAGE

Type	Volume	Box
Summer+5	850ml/Gw.930gr	12

CERTIFICATES





HVAC INSULATION SPRAY PU FOAM

Top-quality heat and sound insulation foam designed for heating, ventilation, and air conditioning (HVAC) jobs at buildings and houses. It provides a unique, monolithic thermal insulation application without junctures, seams and gaps. An innovative alternative to traditional insulation materials used at HVAC systems as fiberglass, cellulose, rock wool and many more. Single-component product used with an applicator gun. It does not contain any propellant gases which are harmful to the ozone layer..

FEATURES

Excellent adhesion to all kind of building materials. Can be applied easily to uneven, hard to reach surfaces where it is not possible to use traditional insulation materials. Elimination of thermal bridges. Elimination of the dew point. Yield up to 3m² with 1.5cm thickness for one layer if applied from a distance of ~40cm with normal application speed. No need to use mechanical fastening elements after use. Can be painted over.

APPLICATION AREAS

For insulating HVAC pipes. In preserving the temperature of the air flowing through it. Reducing the noise (hum, vibration, etc.) emitted from HVAC pipes. For general insulation applications at roofs, attics, facades, foundations, basements, floors, interior walls, inter-floor overlapping, interior partitions, ceilings, and cellars.

TECHNICAL FEATURES

Basis	: Polyurethane Prepolymer
Curing System	: Moisture cure
Specific Gravity	: 17-28 kg/m ³ (ASTM D1622)
Tack-Free Time	: 4 min (ASTM C1620)
Foam Color	: Light yellow
Yield	: 3 m ² for 1,5 cm thickness
Fire Class of the Cured Foam	: B2, E (DIN 4102-1) (13501-1)
Thermal Conductivity	: 0,025 W/m.K (at 20°C) (DIN 52612)
Acoustic Insulation	: 50db at 1600hz (EN ISO 717-1)
R Value	: 5,66 (per inch)
Compression Strength	: 0,03 MPa (DIN 53421)
Full Cure	: 24 hours
Can Temperature	: min.5°C max. +30°C
Temperature Resistance	: -75°C to +115°C
Application Temperature	: +5°C to +30°C
The results were obtained by providing optimum environmental conditions.	

PACKAGE

Type	Volume	Box
Summer +5	750ml/Gw.850gr	12





HVAC INSTALLATION GUN FOAM

Single-component polyurethane based flexible foam used with an applicator gun and features flexibility, high performance, easier application and reusability. It is designed to dampen vibration at the points of contact of ventilation pipes with the walls and to ensure sealing at pipe joints. The foam has a minimum expansion after application (less than 50%) and is therefore very economical to use. The foam is very elastic and has a high Acoustic Rating value. It does not contain any propellant gases which are harmful to the ozone layer.

FEATURES

High elastic recovery ratio. High vibration dampening. Acoustic insulation value is 49,1db at 1600hz according to EN ISO 717-1. Overcomes extreme physical movements without structural deformation. Excellent adhesion & filling capacity. Economical consumption thanks to precise application. Bright white color is very easy to identify. Mold-proof, water-proof and paintable.

APPLICATION AREAS

To increase the efficiency of air conditioning devices by preventing leaks. In damping the sound arising from vibration. Shock and impact absorption. As a soundproofing layer at industrial equipment. Fixing and insulating of door and window frames. Filling and sealing gaps, joints and cavities. Filling penetrations in walls. Filling all joints in roof constructions. Insulating electrical outlets and water pipes.

TECHNICAL FEATURES

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 19±3 kg/m ³	(ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2 min	(ASTM C1620)
Cutting Time (1cm width)	: 20-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: Light yellow	
Yield	: 30-45 L	(ASTM C1536)
Fire Class of the Cured Foam	: B3	(DIN 4102-1)
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Compression Strength	: 0,03 MPa	(DIN 53421)
Water Absorption	: max. 1 vol%	(DIN 53428)
Can Temperature	: min.5°C max. +30°C	
Temperature Resistance	: -40°C to +80°C	
Application Temperature	: +5°C to +30°C	

PACKAGE

Type	Volume	Box
Summer +5	750ml/Gw.850gr	12





MULTI-POSITION, MULTI PURPOSE PU FOAM

Multi-Position PU Foam is a single-component, moisture-curing and self-expanding aerosol polyurethane foam. It is designed for easy dispensing through the straw adapter included with each can. It is suitable for multi-position applications. It does not contain any propellant gases that are harmful to the ozone layer.

FEATURES

Multi-positioning foam; application in all positions (360°). Excellent adhesion & filling capacity and high thermal & acoustical insulation value. Excellent mounting capacity and stability. Adheres to almost all building materials with the exception of surfaces such as polyethylene, teflon, silicone and surfaces contaminated with oils and greases, mold release agents and similar materials. Mould-proof, water-proof, over paintable. Cured foam dries rigid and can be trimmed, shaped and sanded.

APPLICATION AREAS

Fixing and insulating of door and window frames. Filling and sealing gaps, joints and cavities. Filling of penetrations in walls. Insulating electrical outlets and water pipes.

TECHNICAL FEATURES

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 27±3 Kg/m ³	(ASTM D1622)
Tack-Free Time (1 cm width)	: 7±3 min	(ASTM C1620)
Cutting Time (1cm width)	: 30-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: Light yellow	
Yield	: 30-35 L	(ASTM C1536)
Fire Class of the Cured Foam	: B3	(DIN 4102-1)
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Compression Strength	: 0,05 N/mm ²	(DIN 53421)
Tensile strength	: 0,126 N/mm ²	
Dimensional stability	: Max. ±5%	
Water penetration	: 0	
Water Absorption	: max. 1 vol%	(DIN 53428)
Can Temperature	: min. 5°C max. +30°C	
Temperature Resistance	: -40°C to +80°C	
Application Temperature	: +5°C to +30°C	

PACKAGE

Type	Volume	Box
Summer +5	750 ml	12

CERTIFICATES



APPLICATION IN ALL POSITIONS





RV BLACK PU GUN FOAM

Top quality filling and assembly foam with a special formulation that can be applied at low temperatures. The foam provides an airtight seal by filling even hard-to-reach gaps. When insulation is completed, heating and air conditioning costs are reduced.

FEATURES

Developed for caravan applications. The Black Colour provides excellent protection against UV light. Excellent bonding and filling properties. High thermal and acoustic insulation value. Efficiency up to 45 liters depending on humidity and temperature. Mildew & water resistant. Contains fire retardant.

APPLICATION AREAS

Filling and sealing gaps, large cracks and holes, Thermal and acoustic insulation, In the isolation of electrical installations, hot and cold water pipes, As a general purpose filling, bonding and insulating material.

TECHNICAL FEATURES

Chemical Structure	: Polyurethane Pre-polymer
Curing Mechanizm	: Moisture
Density	: 19±3 kg/m ³ (ASTM D1622)
Skin Time (1 cm)	: 6±2 min. (ASTM C1620)
Cutting Time (1cm)	: 20-45 dk. (ASTM C1620)
Post Expansion Volume Loss	: 40°C / 90% R.H.: +1.6% 30°C / 30 % R.H.: +0.4% (AAMA 812) -4°C / Moisture unknown: -1.5%
Curing Time	: 24 hours
Foam Colour	: Black
Efficiency	: 30-45L (ASTM C1536)
R Value	: -4,1 per in.
Thermal Conductivity	: Up to %30
Pressure Resistance	: 0,036 W/m.k (20°C) (DIN 52612)
Water Absorption	: 0,03 MPa (DIN 53421)
Thermal Conductivity	: Max. %1 in Volume (DIN 53428)
Ideal Can Temperature	: min. 5°C max. 30°C
Heat Resistance	: - 40°C and +80°C
Application Temperature	: -12°C and +30°C



PACKAGE

Type	Volume	Box
Winter -12	600 ml Gw. 795	12

CERTIFICATES





MOUSE & PEST SHIELD PU FOAM

Mouse & Pest Shield PU Foam contains an EPA-registered pesticide that protects the foam from attack by mice, birds, bats and tree squirrels. It also blocks ants, roaches, spiders and bees. Can be used to fill gaps and cracks inside garages, attics, crawl spaces, basements, under sinks, around pipes/electrical penetrations or any areas where pests, insects or drafts can enter.

FEATURES

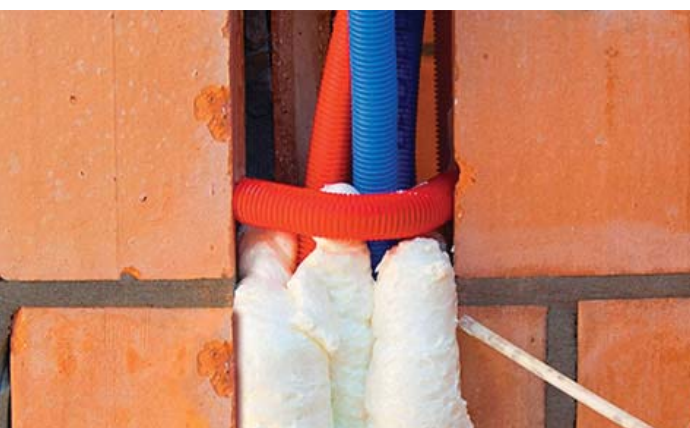
Contains EPA-registered pesticide that protects foam from attack by mice and other pests. Excellent adhesion & filling capacity and high thermal value. Good for filling wide gaps with its high expansion rate. Cured foam dries rigid and can be trimmed, shaped and sanded. Conforms to fire class B2 according to DIN 4102-1. Mold-proof, water-proof and over paintable.

APPLICATION AREAS

To keep all kinds of insects, pests and rodents away from our habitats. Filling and sealing of especially wider gaps, joints and cavities. Fixing and insulating of door and window frames. Filling of penetrations in walls. Insulating electrical outlets and water pipes.

TECHNICAL FEATURES

Basis	: Polyurethane Prepolymer
Curing System	: Moisture cure
Specific Gravity	: $20 \pm 3 \text{ Kg/m}^3$ (ASTM D1622)
Tack-Free Time (1 cm width)	: $7 \pm 3 \text{ min}$ (ASTM C1620)
Cutting Time (1cm width)	: 30-45 min (ASTM C1620)
Cure-Time	: 24 hours
Foam Color	: Light yellow
Yield	: 30-45 L (ASTM C1536)
Fire Class of the Cured Foam	: B2 (DIN 4102-1)
Thermal Conductivity	: $0,036 \text{ W/m.K}$ (at 20°C) (DIN 52612)
Compression Strength	: $0,03 \text{ MPa}$ (DIN 53421)
Tensile strength	: 0.08 MPa (ISO1926-79)
Dimensional stability	: $<10\%$ (ISO2796/86)
Can Temperature	: min. 5°C max. $+30^\circ\text{C}$
Temperature Resistance	: -40°C to $+80^\circ\text{C}$
Application Temperature	: -5°C to $+30^\circ\text{C}$



PACKAGE

Weight / Volume	Package
750ml / Gw.850gr	12



SELF-EXPANDING POLYURETHANE FOAM

One component polyurethane based product with nonflammable propellant. It is also suitable for multi-position applications. Specially developed for tamping applications in underground mining systems. Designed for easy dispensing through the straw adapter included with each can.

FEATURES

If the can is too cold/hot then the can should be brought to room temperature, e.g. by immersion in cold/warm water or leaving it in room temperature for at least 24 hours. Optimal can temperature is +20°C to +25°C. Put on protective gloves. Shake the can 20 – 30 seconds before every use. You may hold the can in any position for application and activate the foam by pressing the straw. Fill the half of the hole that explosive will be put. Put the explosive (dynamite etc.) in the hole while the foam is wet and wait for its expanding and curing. Moisturizing the surfaces and the foam improves adhesion and shortens curing time. Do not fill the entire gap. The foam will increase in volume.

APPLICATION AREAS

Tamping. Sealing of ventilation ducts. Sealing of hoppers (particulate collection containers).

TECHNICAL FEATURES

Basis	: Polyurethane Prepolymer
Curing Mechanism	: Moisture cure
Foam Color	: Fluorescent Yellow
Yield	: 120 – 130 tappings per can
Flammability Class	: B2, E (DIN 4102-1) (EN13501-1)
Compression Strength	: 0,040 MPa (DIN 53421) (TM 1011 : 2013*)
Dimensional Stability	: ±2% (ISO2796/86) (TM 1004 : 2013*)
Tack-Free Time	: 7±2 min (ASTM C1620) (TM 1014 : 2013*)
Cutting time	: 20±5 min (ASTM C1620) (TM 1005 : 2013*)
Can Temperature	: +5°C to +30°C (Optimum 20°C)
Temperature Resistance	: -40°C to +100°C
Application Temperature	: +5°C to +30°C



PACKAGE

Type	Volume	Box
Summer +5	600ml / Gw. 800Gr.	12



FENCE POST FIX

Setting polyurethane foam designed specifically for supporting and backfilling of wooden, PVC, steel and many types of in-ground posts. It is a two component, pre-proportioned system that expands to fill the peripheral void between a post and the hole.

FEATURES

Easy to use; No more handling heavy bags of concrete, No water is required, No messy concrete mixing. **Quickly sets and fast to apply;** No time is wasted loading and unloading heavy concrete bags, Sets in 3-5 minutes (depending on temperature) High strength against impacts and shocks, Adheres to wood, vinyl and metal posts as well as to the ground better than concrete, Waterproof; helps protecting the post against rotting, Can be used outside both in summer and winter time.

APPLICATION AREAS

Fence posts, Garden light posts, Mailboxes, Signs, Sport posts and poles such as basketball, football, volleyball and tennis.

TECHNICAL FEATURES

Basis	: Polyurethane foam
Colour	: Grey
*Mixing Time	: 20 seconds
*Rise Time	: 3 mins.
*Set Time	: 3-5 mins (initially)
*Full Strength	: 2 hours
Volumetric Yield	: 7,2 L
Weather resistance (cold and hot)	: -40 °C +120 °C
Water absorption	: 0,17 kg/m ²



PACKAGE

Type	Volume	Box
Grey	(375 Gr+300 Gr.)	6
Grey	(645 Gr+515 Gr.)	6

CERTIFICATES





PU GUN FOAM MULTI PURPOSE

One-component PU foam used with an applicator gun and features higher yield, easier application and reusability. It does not contain any propellant gases which are harmful to the ozone layer.

FEATURES

Excellent adhesion & filling capacity and high thermal & acoustical insulation value. Economical consumption thanks to precise application. High yield up to 45 liters depending on temperature and humidity. Conforms to fire class B3 according to DIN 4102-1. Mould-proof, water-proof and over paintable.

APPLICATION AREAS

Fixing and insulating of door and window frames. Filling and sealing of gaps, joints and cavities. Filling of penetrations in walls. Insulating electrical outlets and water pipes.



TECHNICAL FEATURES

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 19±3 kg/m ³	(ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2 min	(ASTM C1620)
Cutting Time (1cm width)	: 20-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: Light yellow	
Yield	: 30-45 L	(ASTM C1536)
Fire Class of the Cured Foam	: B3	(DIN 4102-1)
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Compression Strength	: 0,03 MPa	(DIN 53421)
Water Absorption	: max. 1 vol%	(DIN 53428)
Can Temperature	: min.5°C max. +30°C	
Temperature Resistance	: -40°C to +80°C	
Application Temperature	: +5°C to +30°C	

PACKAGE

Type	Volume	Box
Summer +5	Gw. 850 g.	12

CERTIFICATES





PU FOAM MULTI PURPOSE

One-component, moisture-curing and self-expanding aerosol polyurethane foam. It is designed for easy dispensing through the straw adapter included with each can. It does not contain any propellant gases that are harmful to the ozone layer.

FEATURES

Excellent adhesion & filling capacity and high thermal & acoustical insulation value. Excellent mounting capacity and stability. Adheres to almost all building materials with the exception of surfaces such as polyethylene, Teflon, silicone and surfaces contaminated with oils and greases, mold release agents and similar materials. Mould-proof, water-proof, over paintable. Cured foam dries rigid and can be trimmed, shaped and sanded.

APPLICATION AREAS

Fixing and insulating of door and window frames. Filling and sealing gaps, joints and cavities. Filling of penetrations in walls. Insulating electrical outlets and water pipes.



TECHNICAL FEATURES

Basis	: Polyurethane Prepolymer
Curing System	: Moisture cure
Specific Gravity	: 22±3 kg/m ³ (ASTM D1622)
Tack-Free Time (1 cm width)	: 7±3 min (ASTM C1620)
Cutting Time (1cm width)	: 30-45 min (ASTM C1620)
Cure-Time	: 24 hours
Foam Colour	: Light yellow
Yield	: 30-45 L (ASTM C1536)
Fire Class of the Cured Foam	: B3 (DIN 4102-1)
Thermal Conductivity	: 0,036 W/m.k (at 20°C) (DIN 52612)
Compression Strength	: 0,03 MPa (DIN 53421)
Tensile strength	: 11.7±0.8 (SO1926-79)
Dimensional stability	: ±10% (ISO2796/86)
Water penetration	: 0 (ISO2896-87)
Water Absorption	: max. 1 vol% (DIN 53428)
Can Temperature	: min.5°C max. +30°C
Temperature Resistance	: -40°C to +80°C
Application Temperature	: -2°C to +30°C

PACKAGE

Type	Volume	Box
Summer +5	Gw. 850 g.	12
Summer +5	Gw. 570 g.	12
Summer +5	Gw. 350 g.	12

CERTIFICATES





DOOR & WINDOW PU FOAM

One-component, moisture-curing and self-expanding aerosol polyurethane foam. It is designed for easy dispensing through the straw adapter included with each can. As a straw foam, behaves like a gun foam. Straw use but has low expansion like gun use foams. It does not contain any propellant gases that are harmful to the ozone layer.

FEATURES

Excellent adhesion & filling capacity and high thermal & acoustical insulation value. Excellent mounting capacity and stability. Adheres to almost all building materials with the exception of surfaces such as polyethylene, Teflon, silicone and surfaces contaminated with oils and greases, mold release agents and similar materials. Mould-proof, water-proof, over paintable. Cured foam dries rigid and can be trimmed, shaped and sanded.

APPLICATION AREAS

Fixing and insulating of door and window frames. Filling and sealing gaps, joints and cavities. Filling of penetrations in walls. Insulating electrical outlets and water pipes.

TECHNICAL FEATURES

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 22±3 kg/m ³	(ASTM D1622)
Tack-Free Time (1 cm width)	: 7±2 min	(ASTM C1620)
Cutting Time (1cm width)	: 20-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: Light yellow	
Yield	: 30-45 L	(ASTM C1536)
Fire Class of the Cured Foam : B3 (DIN 4102-1)		
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Compression Strength	: 0,03 MPa	(DIN 53421)
Water penetration	: 0	
Water Absorption	: max. 1 vol%	(DIN 53428)
Can Temperature	: min.5°C max. +30°C	
Temperature Resistance	: -40°C to +80°C	
Application Temperature	: +5°C to +30°C	

PACKAGE

Type	Volume	Box
Summer +5	Gw. 850 g.	12

CERTIFICATES





MAXIMUM STRAW PU FOAM 65L

Low expansion and maximum yield formulation aerosol polyurethane foam especially developed for fixing door&window frames. It yields minimum 100% more foam than straw foams, cures faster and forms easy to cut flexible foam.

FEATURES

Maximum Yield: Provides 100% more yield than that of standard straw foams. **Low-Expansion:** Ensures not to bend or bow door and window frames. **Decreases foam waste.** **Fast Cure.** **Improved Adhesion&Stability:** Better non-sagging performance on vertical surfaces. **Usable in 4 Seasons:** Special formulation allows application at low temperatures (-2 °C). **Closed-Cell Structure:** Provides effective heat&sound insulation. It does not contain any propellant gases which are harmful to the ozone layer.

APPLICATION AREAS

Fixing&sealing of door and window frames. Sealing applications where low-expansion is needed. Filling small cavities.

TECHNICAL FEATURES

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 19±3 kg/m ³	(ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2 min	(ASTM C1620)
Cutting Time (1cm width)	: 20-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: Light yellow	
Yield	: 60-65 L	(ASTM C1536)
Expanding volume	: Up to %30	
Fire Class of the Cured Foam	: B3	(DIN 4102-1)
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Compression Strength	: 0,03 MPa	(DIN 53421)
Water Absorption	: max. 1 vol%	(DIN 53428)
Temperature Resistance	: -40°C to +80°C	
Application Temperature	: -2°C to +30°C	(WINTER)
	: +5°C to +30°C	(SUMMER)



PACKAGE

Type	Volume	Box
Summer +5	Gw. 1000 g.	12
Winter -2	Gw. 1000 g.	12

CERTIFICATES





MEGA PU GUN FOAM 65L

One-component professional PU foam which yields significantly higher volumes. It is used with a special applicator gun.

FEATURES

High yield up to 65 liters, depending on the humidity and temperature. Excellent adhesion on common construction materials. Economical consumption thanks to precise application. Mould-proof, water-proof and over paintable. It does not contain any propellant gases which are harmful to the ozone layer.

APPLICATION AREAS

Fixing and insulating of door and window frames. Filling and sealing of gaps, joints and cavities. Filling of penetrations in walls. Insulating electrical outlets and water pipes.

TECHNICAL FEATURES

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 19±3 kg/m ³	(ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2 min	(ASTM C1620)
Cutting Time (1cm width)	: 20-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: Light yellow	
Yield	: 65 L	(ASTM C1536)
Fire Class of the Cured Foam	: B3	(DIN 4102-1)
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Compression Strength	: 0,03 MPa	(DIN 53421)
Water Absorption	: max. 1 vol%	(DIN 53428)
Can Temperature	: min.5°C max. +30°C	
Temperature Resistance	: -20°C to +80°C	
Application Temperature	: +5°C to +30°C	

PACKAGE

Type	Volume	Box
Summer +5	Gw. 1000 g.	12

CERTIFICATES





MEGA PU GUN FOAM 70L

One-component professional PU foam which yields significantly higher volumes. It is used with a special applicator gun.

FEATURES

High yield up to 70 liters, depending on the humidity and temperature. Excellent adhesion on common construction materials. Economical consumption thanks to precise application. Mould-proof, water-proof and over paintable. It does not contain any propellant gases which are harmful to the ozone layer.

APPLICATION AREAS

Fixing and insulating of door and window frames. Filling and sealing of gaps, joints and cavities. Filling of penetrations in walls. Insulating electrical outlets and water pipes.

TECHNICAL FEATURES

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 19±3 kg/m ³	(ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2 min	(ASTM C1620)
Cutting Time (1cm width)	: 20-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: Light yellow	
Yield	: 65-70 L	(ASTM C1536)
Fire Class of the Cured Foam	: B3	(DIN 4102-1)
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Compression Strength	: 0,03 MPa	(DIN 53421)
Water Absorption	: max. 1 vol%	(DIN 53428)
Can Temperature	: min.5°C max. +30°C	
Temperature Resistance	: -40°C to +80°C	
Application Temperature	: +5°C to +30°C	

PACKAGE

Type	Volume	Box
Summer +5	Gw. 1020 g.	12

CERTIFICATES





SAFETY VALVE REUSABLE PU FOAM

PU foam which is never blocked thanks to its mechanical valve.

FEATURES

Can be re-used repeatedly even if partially used before. Even stored in horizontal or upside-down position the valve is never blocked. Better control of the outflow thanks to special adaptor. High horizontal yield thanks to special design tube. Mould-proof, water-proof and over paintable. It does not contain any propellant gases which are harmful to the ozone layer.

APPLICATION AREAS

Fixing and insulating of door and window frames. Filling and sealing of gaps, joints and cavities. Filling of penetrations in walls. Insulating electrical outlets and water pipes.

TECHNICAL FEATURES

Basis	: Polyurethane Prepolymer
Curing System	: Moisture cure
Specific Gravity	: $22 \pm 3 \text{ Kg/ m}^3$ (ASTM D1622) Tack-Free
Time (1 cm width)	: $7 \pm 3 \text{ min}$ (ASTM C1620)
Cutting Time (1cm width)	: 30-45 min
(ASTM C1620) Cure-Time	: 24 hours
Foam Colour	: Light green
Yield	: 30-45 L (ASTM C1536)
Fire Class of the Cured Foam	: B3 (DIN 4102-1)
Thermal Conductivity	: $0,036 \text{ W/m.k}$ (at 20°C) (DIN 52612)
Compression Strength	: $0,03 \text{ MPa}$ (DIN 53421)
Water Absorption	: max. 1 vol% (DIN 53428)
Can Temperature	: min. 5°C max. $+30^\circ\text{C}$
Temperature Resistance	: -40°C to $+80^\circ\text{C}$
Application Temperature	: $+5^\circ\text{C}$ to $+30^\circ\text{C}$

PACKAGE

Type	Volume	Box
Summer +5	Gw. 850 g.	12

CERTIFICATES





FLEXIBLE PU GUN FOAM

Single-component PU flexible foam used with an applicator gun and features flexibility, high performance, easier application and reusability. It does not contain any propellant gases which are harmful to the ozone layer. The foam has a minimum expansion after application (less than 50%) and is therefore very economical to use. The foam is very elastic and has a very high Acoustic Rating and Thermal Insulation value.

FEATURES

High elastic recovery ratio. Overcomes extreme physical movements without structural deformation. Shock and impact absorption. Excellent adhesion & filling capacity and high thermal & acoustical insulation value. Economical consumption thanks to precise application. High yield up to 45 liters depending on temperature and humidity. Mould-proof, water-proof and paintable.

APPLICATION AREAS

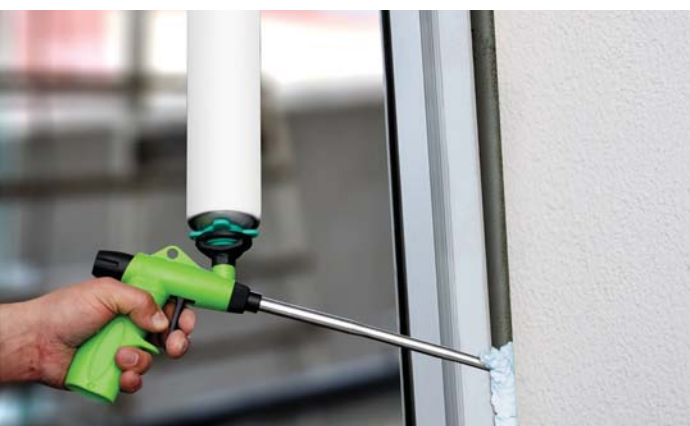
Vibrating constructions. Soundproof screen production. Application of soundproofing layer on industrial equipments. Reduction of noise transmission during use as fixing foam. Fixing and insulating of door and window frames. Filling and sealing gaps, joints and cavities. Filling penetrations in walls. Filling all joints in roof constructions. Enhancing thermal insulation in heating/cooling systems. Insulating electrical outlets and water pipes.

TECHNICAL FEATURES

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Mechanical Properties	: Flexible	
Specific Gravity	: 21±3 kg/m ³	(ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2min	(ASTM C1620)
Cutting Time (1cm width)	: 20-45 min	(ASTM C1620)
Cure-Time	: 2-4 hours	
Foam Colour	: Light blue	
Yield	: 45-55 L	(ASTM C1536)
Fire Class of the Cured Foam	: B3	(DIN 4102-1)
Compression Strength	: 22,3 kPa (%10 compressed)	FEICA TM 1011:2015
Tensile Strength	: 0,065 MPa	FEICA TM 1018:2015
Elongation at Break	: % 36-38	
Water Absorption	: max. 1 vol%	(DIN 53428)
Shrinkage	: < 3%	
Shear Strength	: 0,058 MPa	FEICA TM 1012:2013
Optimum Can Temperature	: min.5°C max. +30°C	
Temperature Resistance	: -40°C to +80°C	
Application Temperature	: -2°C to +30°C	

PACKAGE

Type	Volume	Box
Summer +5	Gw. 890 g.	12





HIGH EXPANDING PU GUN FOAM 65L

One-component professional pu foam which yields significantly higher volumes. It is used with a special applicator gun.

FEATURES

High yield up 65 liters, depending on the humidity and temperature. Excellent adhesion on common construction materials. Economical consumption thanks to precise application.

APPLICATION AREAS

Fixing and insulating of door and window frames. Filling and sealing of gaps, joints and cavities. Filling of penetrations in walls. Insulating electrical outlets and water pipes. Instructions: Optimal can temperature +20°C.

TECHNICAL FEATURES

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 15±3 kg/m ³	(ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2min	(ASTM C1620)
Cutting Time (1cm width)	: 15-25 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: Light yellow	
Yield	: 60-65 L	(ASTM C1536)
Fire Class of the Cured Foam	: B3 (DIN 4102-1)	
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Compression Strength	: 0,03 MPa	(DIN 53421)
Water Absorption	: max. 1 vol%	(DIN 53428)
Optimum Can Temperature	: min.+5°C max. +30°C	
Temperature Resistance	: -40°C to +80°C	
Application Temperature	: +5°C to +30°C	

PACKAGE

Type	Volume	Box
Summer +5	Gw.930 g.	12

CERTIFICATES





PU FOAM MULTI PURPOSE WINTER -12°C

One-component, moisture-curing and self-expanding PU foam especially developed for applications at temperatures of as low as -12 °C.

FEATURES

High yield&stability and adequate pressure at frost temperatures. Excellent adhesion on most materials. Very good filling capacity. High thermal&acoustical insulation value. Resistant to moisture, heat, water and many chemicals.

APPLICATION AREAS

Mounting and insulating of door and window frames. Filling and sealing of gaps, joints and cavities. Filling of penetrations in walls. Improving thermal isolation in cooling systems.

TECHNICAL FEATURES

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: $22 \pm 3 \text{ kg/m}^3$	(ASTM D1622)
Tack-Free Time (1 cm width)	: $7 \pm 3 \text{ min}$	(ASTM C1620)
Cutting Time (1cm width)	: 30-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: Light yellow	
Yield	: 30-45 L	(ASTM C1536)
Fire Class of the Cured Foam	: B3	(DIN 4102-1)
Thermal Conductivity	: $0,036 \text{ W/m.k}$ (at 20°C)	(DIN 52612)
Compression Strength	: 0,03 MPa	(DIN 53421)
Water Absorption	: max. 1 vol%	(DIN 53428)
Temperature Resistance	: -40°C to +80°C	
Application Temperature	: -12°C to +30°C	

PACKAGE

Type	Volume	Box
Winter -12	Gw. 850 g.	12
Winter -12	Gw. 570 g.	12
Winter -12	Gw. 350 g.	12

CERTIFICATES





PU GUN FOAM MULTI PURPOSE WINTER -12°C

One-component PU foam used with an applicator gun and developed for applications in temperatures below to -12 °C.

FEATURES

Can be applied at frost temperatures. Excellent adhesion& filling capacity and high thermal&acoustical insulation value. Economical consumption thanks to precise application. High yield up to 45 liters. Mould-proof, water-proof and over paintable.

APPLICATION AREAS

Fixing and insulating of door and window frames. Filling and sealing of gaps, joints and cavities. Filling of penetrations in walls. Insulating electrical outlets and water pipes.

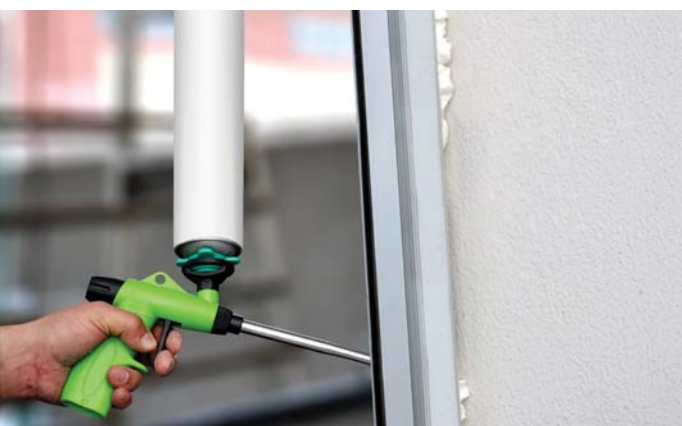
TECHNICAL FEATURES

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 19±3 kg/m³	(ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2 min	(ASTM C1620)
Cutting Time (1cm width)	: 20-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: Light yellow	
Yield	: 30-45 L	(ASTM C1536)
Expanding Volume	: Up to%30	
Fire Class of the Cured Foam	: B3	(DIN 4102-1)
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Compression Strength	: 0,03 MPa	(DIN 53421)
Water Absorption	: max. 1 vol%	(DIN 53428)
Can Temperature	: min.5°C max. +30°C	
Temperature Resistance	: - 40°C to +80°C	
Application Temperature	: - 12°C to +30°C	

PACKAGE

Type	Volume	Box
Winter -12	Gw. 850 g.	12

CERTIFICATES





MEGA PU GUN FOAM WINTER -12°C 70 L

Single-component professional PU foam which yields significantly higher volumes. It is used with a special applicator gun.

FEATURES

High yield up to 70 liters, depending on the humidity and temperature. Excellent adhesion on common construction materials. Economical consumption thanks to precise application. Conforms to fire class B3 according to DIN 4102-1. Mould-proof, water-proof and over paintable. It does not contain any propellant gases which are harmful to the ozone layer.

APPLICATION AREAS

Fixing and insulating of door and window frames. Filling and sealing of gaps, joints and cavities. Filling of penetrations in walls. Insulating electrical outlets and water pipes

TECHNICAL FEATURES

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 19±3 Kg/m ³	(ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2 min	(ASTM C1620)
Cutting Time (1cm width)	: 20-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: Light yellow	
Yield	: 65-70 L	(ASTM C1536)
Fire Class of the Cured Foam	: B3	(DIN 4102-1)
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Compression Strength	: 0,03 MPa	(DIN 53421)
Water Absorption	: max. 1 vol%	(DIN 53428)
Can Temperature	: min.5°C max. +30°C	
Temperature Resistance	: -40°C to +80°C	
Application Temperature	: -12°C to +30°C	

PACKAGE

Type	Volume	Box
Winter -12	Gw. 1020 g.	12

CERTIFICATES





MEGA PU GUN FOAM WINTER -25°C 70 L

One-component professional PU foam which yields significantly higher volumes. It is used with a special applicator gun.

FEATURES

High yield up to 70 liters, depending on the humidity and temperature. Excellent adhesion on common construction materials. Economical consumption thanks to precise application. Conforms to fire class B3 according to DIN 4102-1. Mould-proof, water-proof and over paintable. It does not contain any propellant gases which are harmful to the ozone layer.

APPLICATION AREAS

Fixing and insulating of door and window frames. Filling and sealing of gaps, joints and cavities. Filling of penetrations in walls. Insulating electrical outlets and water pipes.

TECHNICAL FEATURES

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Mechanical Properties	: Flexible	
Specific Gravity	: 21±3 kg/m ³	(ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2min	(ASTM C1620)
Cutting Time (1cm width)	: 20-45 min	(ASTM C1620)
Cure-Time	: 2-4 hours	
Foam Colour	: Light blue	
Yield	: 65-70 L	(ASTM C1536)
Fire Class of the Cured Foam	: B3	(DIN 4102-1)
Compression Strength	: 22,3 kPa (%10 compressed)	FEICA TM 1011:2015
Tensile Strength	: 0,065 MPa	FEICA TM 1018:2015
Elongation at Break	: % 36-38	
Water Absorption	: max. 1 vol%	(DIN 53428)
Shrinkage	: < 3%	
Shear Strength	: 0,058 MPa	FEICA TM 1012:2013
Optimum Can Temperature	: min.5°C max. +30°C	
Temperature Resistance	: -40°C to +80°C	
Application Temperature	: -25°C to +30°C	

PACKAGE

Type	Volume	Box
Winter -25	Gw. 1050 g.	12

CERTIFICATES





PU FOAM MULTI PURPOSE WINTER -6°C

One-component, moisture-curing and self-expanding PU foam especially developed for applications at temperatures of as low as -6 °C.

FEATURES

High yield&stability and adequate pressure at frost temperatures. Excellent adhesion on most materials. Very good filling capacity. High thermal&acoustical insulation value. Resistant to moisture, heat, water and many chemicals.

APPLICATION AREAS

Mounting and insulating of door and window frames. Filling and sealing of gaps, joints and cavities. Filling of penetrations in walls. Improving thermal isolation in cooling systems.

TECHNICAL FEATURES

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 22±3 kg/m ³	(ASTM D1622)
Tack-Free Time (1 cm width)	: 7±3 min	(ASTM C1620)
Cutting Time (1cm width)	: 30-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: Light yellow	
Yield	: 30-45 L	(ASTM C1536)
Fire Class of the Cured Foam	: B3	(DIN 4102-1)
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Compression Strength	: 0,03 MPa	(DIN 53421)
Water Absorption	: max. 1 vol%	(DIN 53428)
Temperature Resistance	: -40°C to +80°C	
Application Temperature	: -6°C to +30°C	

PACKAGE

Type	Volume	Box
Winter -6	Gw. 850 g.	12

CERTIFICATES





COMBO PU FOAM

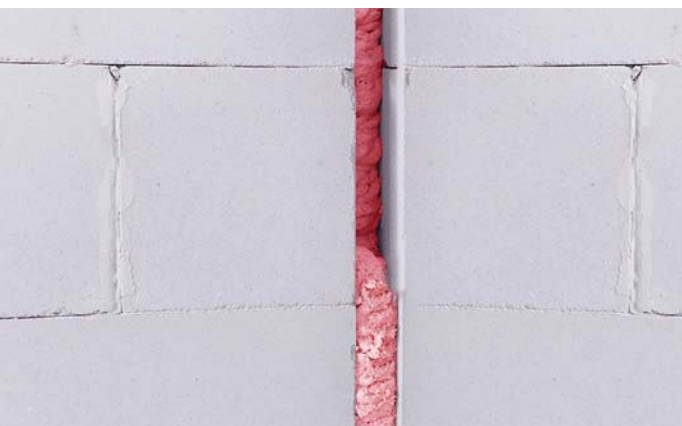
Single-component PU foam can be used both with an applicator gun and straw at the same time. Cures swiftly with moisture. Features high volumetric yield, reusability, fast curing and easy application. It does not contain any propellant gases which are harmful to the ozone layer.

FEATURES

Cures faster according to standard foams. A combination of straw and gun foam. Can be used with both straw and gun adapter. High yield up to 55 liters if gun applied and 45 liters if straw applied depending on temperature and humidity. Excellent adhesion & filling capacity and high thermal & acoustical insulation value. Economical consumption thanks to precise application. Conforms to fire class B3 according to DIN 4102-1. Mold-proof, water-proof and over paintable.

APPLICATION AREAS

Fixing and insulating of door and window frames. Filling and sealing of gaps, joints and cavities. Filling of penetrations in walls. Insulating electrical outlets and water pipes.



TECHNICAL FEATURES

With Gun Adapter:

Basis	Polyurethane Prepolymer	
Curing System	Moisture cure	
Specific Gravity	19±3 Kg/ m³	(ASTM D1622)
Tack-Free Time (1 cm width)	< 3 min (ASTM C1620)	
Cutting Time (1cm width)	< 10 min	(ASTM C1620)
Curing Time	< 1.5 hours	
Foam Color	Light yellow	
Yield	50-55 L	(ASTM C1536)
Expansion Ratio	60-75%	
Fire Class of the Cured Foam	B3	(DIN 4102-1)
Thermal Conductivity	0,036 W/m.k (at 20°C)	(DIN 52612)
Water Absorption	max. 1 vol%	
Can Temperature	min. +5°C max. +30°C	
Temperature Resistance	-40°C to +80°C	
Application Temperature	+5°C to +30°C	

With Straw Adapter:

Basis	Polyurethane Prepolymer	
Curing System	Moisture cure	
Specific Gravity	22±3 Kg/ m³	(ASTM D1622)
Tack-Free Time (1 cm width)	< 3 min (ASTM C1620)	
Cutting Time (1cm width)	< 20 min	(ASTM C1620)
Full Cure Time	24 hours	
Foam Color	Light yellow	
Yield	40-45 L	(ASTM C1536)
Expansion Ratio	280-330%	
Fire Class of the Cured Foam	B3	(DIN 4102-1)
Thermal Conductivity	0,036 W/m.k (at 20°C)	(DIN 52612)
Water Absorption	max. 1 vol%	
Can Temperature	min. +5°C max. +30°C	
Temperature Resistance	-40°C to +80°C	
Application Temperature	+5°C to +30°C	

PACKAGE

Product	Weight	Package
Fast 55 Combo	850 gr.	12



PU GUN FOAM

Single-component, professional type, gun applicable PU foam. Cures swiftly with air humidity. Features higher volumetric yield, fast curing, reusability and easy application. It does not contain any propellant gases which are harmful to the ozone layer.

FEATURES

Cures faster (in 1.5 hours) according to standard PU Foams. Economical consumption thanks to precise application. High yield up to 70 liters depending on temperature and humidity. Excellent adhesion & filling capacity and high thermal & acoustical insulation value. Conforms to fire class B3 according to DIN 4102-1. Mold-proof, water-proof and over paintable.

APPLICATION AREAS

Fixing and insulating of door and window frames. Filling and sealing of gaps, joints and cavities. Filling of penetrations in walls. Insulating electrical outlets and water pipes.

TECHNICAL FEATURES

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 19±3 Kg/ m ³	(ASTM D1622)
Tack-Free Time (1 cm width)	: < 3 min	(ASTM C1620)
Cutting Time (1cm width)	: < 10 min	(ASTM C1620)
Cure-Time	: < 1,5 hours	
Foam Color	: Light yellow	
Yield	: 70-75 L	(ASTM C1536)
Fire Class of the Cured Foam	: B3	(DIN 4102-1)
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Compression Strength	: 0,03 MPa	(DIN 53421)
Can Temperature	: min. +5°C max. +30°C	
Temperature Resistance	: -40°C to +80°C	
Application Temperature	: +5°C to +30°C	



PACKAGE

Product	Weight	Package
Fast 70	Gw.1000 gr.	12



PU GUN FOAM MULTI PURPOSE WINTER -6°C

One-component PU foam used with an applicator gun and developed for applications in temperatures down to -6 °C.

FEATURES

Can be applied at frost temperatures. Excellent adhesion& filling capacity and high thermal&acoustical insulation value. Economical. Consumption thanks to precise application. High yield up to 45 liters. Conforms to fire class B3 according to DIN 4102-1. Mould-proof, water-proof and over paintable.

APPLICATION AREAS

Fixing and insulating of door and window frames. Filling and sealing of gaps, joints and cavities. Filling of penetrations in walls. Insulating electrical outlets and water pipes.

TECHNICAL FEATURES

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 19±3 kg/m ³	(ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2 min	(ASTM C1620)
Cutting Time (1cm width)	: 20-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: Light yellow	
Yield	: 30-45 L	(ASTM C1536)
Expanding Volume	: Up to %30	
Fire Class of the Cured Foam	: B3	(DIN 4102-1)
Thermal Conductivity	: 0,036 W/m.k (at 20°C)	(DIN 52612)
Compression Strength	: 0,03 MPa	(DIN 53421)
Water Absorption	: max. 1 vol%	(DIN 53428)
Can Temperature	: min.5°C max. +30°C	
Temperature Resistance	: - 40°C to +80°C	
Application Temperature	: - 6°C to +30°C	

PACKAGE

Type	Volume	Box
Winter -6	Gw. 850 g.	12

CERTIFICATES





FOAM CLEANER

Removes fresh PU foam and cleans the PU foam gun adapter after the application. Cleans surfaces, clothes, window&door frames and prevents the foam cure in the gun adapter.

FEATURES

Powerful solvent based aerosol cleaner for removing uncured PU foam (straw and gun adapter foam). Designed especially for cleaning the gun adapter of foam. Cleaner has a spray activator for removing the foam from the gun adapter. It can be used in all positions. Propellant gas is not harmful to the ozone layer.

APPLICATION AREAS

Cleaning of the gun adapter. Cleaning of the valves of the PU Foam Aerosol. Removal of uncured foam.

TECHNICAL FEATURES

Basis	: Solvent mixture
Consistency	: Liquid
Appearance	: Clear
Specific gravity	: 0,85g/cm ³



PACKAGE

Type	Volume	Box
-	500 ml	12

THERMAL & ACOUSTIC INSULATION PU SPRAY FOAM



*Perfect Choice For High Quality
Thermal and acoustic insulation!*



PATH TO EXCELLENCE

Excellent processes in where intelligence,
science, skills and expectations conjoin
with experience and organized
with technology.



COATINGS

PRODUCTS



POLYUREA 1044

STANDARD PURE

Very fast set, 2-component, 100% pure flexible coating derived from a reaction of an isocyanate prepolymer and an amine terminated resin blend. This aromatic pure polyurea has been designed to protect and coat concrete, metal, wood, ceramic, geotextile surfaces. It is moisture and temperature insensitivity, allowing application in problematic ambient conditions. The material must be applied utilizing high pressure, heated plural component spray proportioning equipment.

FEATURES

100% solid, VOC free, no solvents. No catalyst. Fast reactivity and fast return to service time. Seamless and jointless coating. Little or no odor. Excellent thermal stability. Water resistant. Excellent adhesion on concrete, steel, aluminum, fibers, wood, foam etc. Excellent flexibility. Non sensitivity to temperature and humidity. Excellent chemical resistance. Excellent impact and abrasion resistance. Anticorrosive. Very good tensile and structural strength. UV, chlorine and saltwater resistant. Variable application thickness possible. Broad color spectrum.

APPLICATION AREAS

General water isolation – pools, swimming pools, ponds, membranes, waste water treatments, manholes, sewer -lining, roofs. Floors – industrial floors, hospitals, factory, auto parks, garage. Truck bed liners. Construction – roads, bridges, railways, high speed railways, tunnels, airports. Marine industry.

TECHNICAL FEATURES

	Method	Datas
Chemical structure		A: MDI Prepolymer B: Amine Resin
Color		Grey, Blue and any RAL color
VOC content (%)	ASTM D1259	0
Solid content (%)	ASTM D2697	100
Gel time (sec)	--	5-10
Tack free time (sec)	--	15-25
Recoat time (hr)		0-12 (without pretreatment)
Density (gr/cm ³)	ASTM D792	0,99-1,03
Tensile strength (MPa)	ASTM D638	≥ 18
Modulus (MPa)	ASTM D638	%100 elongation ≥ 10 %300 elongation ≥ 15
Elongation at break (%)	ASTM D638	≥ 350
Hardness (Shore D)	ASTM D2240	40-45
Tear strength (N/mm)	ASTM D 624	≥ 50
Impact resistance	EN ISO 6272-1	Class III
Pull off strength (N/mm ²)	ASTM D 4541	Concrete: ≥ 2,5 Steel: ≥ 6
Abrasion resistance	EN ISO 5470-1	23 mg (H22, 1000 cycle)
Bond strength by pull-off	EN 1542	2,0 N/mm ²
Thermal Shock Resistance (200°C in 1 min.)	--	Resistant



PACKAGE

Type	Volume	Box
RAL 7040	425 kg set (225+200kg)	1
RAL 5012	425 kg set (225+200kg)	1

CERTIFICATES

Tested according to EN 1186
Migration testing on Food Contact
Materials and found in compliance
with regulation EU No 10/2011
with amendments



POTABLE WATER & FOOD CONTACT APPROVED

Very fast curing, 2-component aromatic pure polyurea system, 100% solid, flexible coating derived from a reaction of an isocyanate prepolymer and an amine terminated resin blend. This product has been approved for potable water and food contact and especially designed to protect potable water tanks and pipes. The material must be applied utilizing high pressure, heated plural component spray proportioning equipment.



FEATURES

Suitability for contact with drinking water and food. 100% solid, VOC free, no odor. Does not contain catalyst. Fast reactivity and fast return to service time. Excellent temperature stability. Seamless and jointless coating with high water resistance. Excellent adhesion on concrete, steel, aluminum, wood, etc. Excellent flexibility. No sensitivity to temperature and humidity. Perfect endurance to chemicals. Very good resistance to impact and corrosion. Very good tensile and structural strength. Variable application thickness is possible.

APPLICATION AREAS

Potable water storage facilities and tanks. Potable water pipes. Food production and processing plants. Cold storages. Rain storage facilities and sedimentation tanks. Filtration systems. Swimming pools, amusement parks and aquariums



TECHNICAL FEATURES

	Method	Datas
Chemical structure		A: MDI Prepolymer B: Amine Resin
VOC content (%)	ASTM D1259	0
Solid content (%)	ASTM D2697	100
Gel time (sec)	--	5-10
Tack free time (sec)	--	15-30
Recoat time (hr)	--	0-12 (without pretreatment)
Post cure time (hr)	--	24
Density (gr/cm ³)	ASTM D792	0,99-1,03
Tensile strength (MPa)	ASTM D638	≥ 18
Modulus (MPa)	ASTM D638	%100 elongation ≥10 %300 elongation ≥15
Elongation at break (%)	ASTM D638	≥350
Hardness (Shore D)	ASTM D2240	40-45
Hardness (Shore A)	ASTM D2240	90-95
Tear strength (N/mm)	ASTM D 624	≥50
Impact resistance	EN ISO 6272-1	Class III
Thermal Resistance	--	-30 °C +100°C
Pull off strength (N/mm ²)	ASTM D 4541	Concrete: ≥2,5 Steel: ≥6
Approval to food contact	EN 1186-1/15	Suitable

PACKAGE

Type	Volume	Box
Colorless	425 kg set (225+200kg)	1

Tested according to EN 1186
Migration testing on Food Contact
Materials and found in compliance
with regulation EU No 10/2011
with amendments

FIRE RETARDANT



Very fast curing, 2-component aromatic pure polyurea system, 100% solid, flexible coating derived from a reaction of an isocyanate prepolymer and an amine terminated resin blend. It's developed for applications which require fire retardant and flame resistant coating. Especially designed to protect and coat concrete, metal, wood, ceramic, geotextile substrates. The material must be applied utilizing high pressure, heated plural component spray proportioning equipment.

FEATURES

Fire resistant system. 100% solid, VOC free, no odor. No catalyst. Fast reactivity and fast return to service time. Excellent thermal stability. Seamless and joint less coating with water resistance. Excellent adhesion on concrete, steel, aluminum, fibers, wood, geotextiles etc. Excellent flexibility. Temperature and moisture insensitive. Excellent chemical resistance. Very good impact and corrosion resistance. Very good tensile and structural strength. Variable application thickness possible. Broad color spectrum

APPLICATION AREAS

Floors where fire retardant is necessary , industrial facilities, hospitals, factories, parking lots, garage, transportation. Construction - airports, line striping, ship decks, ship ports and canals. High abrasion applications - oil and gas industry, refineries, petrochemical industry, mining, secondary containment. Energy industry. Waste water treatment plants , tank coating, secondary storage tanks.

TECHNICAL FEATURES

Chemical structure	Method	Datas
		A: MDI Prepolymer B: Amine Resin
VOC content (%)	ASTM D1259	0
Solid content (%)	ASTM D2697	100
Gel time (sec)	--	5-10
Tack free time (sec)	--	15-25
Recoat time(hr)		0-6
Density (gr/cm ³)	ASTM D792	0,99-1,03
Tensile strength (MPa)	ASTM D638	16-18
Modulus (MPa)	ASTM D638	%100 elongation ≥10
		%300 elongation ≥15
Elongation at break (%)	ASTM D638	≥350
Hardness (Shore D)	ASTM D2240	40-45
Hardness (Shore A)	ASTM D2240	85-90
Tear strength (N/mm)	ASTM D624	50-55
Taber abrasion (mg)	EN ISO 5470-1	<90 (H22, 1000 cycle)
Pull off strength (N/mm ²)	ASTM D4541	Concrete: ≥2,5 Steel: ≥6
Reaction to Fire Class	TS EN 13501-1+A1:2013-1,	B ₁ S1

PACKAGE

Type	Volume	Box
RAL 7040	425 kg set (225+200kg)	1



ANTI-STATIC POLYUREA



Very fast curing, two component, aromatic, flexible, pure polyurea system coating derived from a reaction of an isocyanate prepolymer and an amine terminated resin blend. This product is especially applied to surfaces to build up antistatic coatings to avoid risks of ignition due to electrostatic charge. It can be applied to areas where flammable liquids of danger classes are stored. For protecting and coating purposes, this product can be applied on materials like concrete, metal, wood, ceramic and PU foam. The material must be applied utilizing high pressure, heated plural component spray proportioning equipment.

FEATURES

Antistatic coating. Fast reactivity and fast return to service time. Hardens just in 10 second. Fast application time; one worker can cover 1000m² area in 2mm thickness in 1 day. 100% solid, VOC free, no solvents. Environmentally friendly. Excellent thermal stability (-25°C-120°C). Very good tensile and structural strength. Excellent chemical resistance. Long lasting (minimum 25 years). Excellent impact and abrasion resistance. Excellent adhesion on concrete, steel, aluminum, fibers, wood, foam etc. Excellent flexibility. Excellent crack bridging properties. Temperature and moisture insensitive. Excellent corrosion protection. UV, chlorine and saltwater resistant.

APPLICATION AREAS

Electric transformers. Thermal power plants. Manufacturing facilities and storage areas. Schools. Industrial cold rooms. Laboratories. Hospitals and operating rooms. Parking lots and garages. Oil and gas industry.



TECHNICAL FEATURES

	Method	Datas
Chemical structure		A: MDI Prepolymer B: Amine Resin
Color		Grey and any RAL color
VOC content (%)	ASTM D1259	0
Solid content (%)	ASTM D2697	100
Gel time (sec)	--	5-10
Tack free time (sec)	--	15-30
Recoat time (hr)	--	0-12 (without pretreatment)
Post cure time (hr)	--	24
Density (gr/cm ³)	ASTM D792	0,99-1,03
Tensile strength (MPa)	ASTM D638	≥ 16
Modulus (MPa)	ASTM D638	%100 elongation ≥10 %300 elongation ≥15
Elongation at break (%)	ASTM D638	≥350
Hardness (Shore D)	ASTM D2240	40-45
Hardness (Shore A)	ASTM D2240	90-95
Thermal Resistance	--	-25 °C +120°C
Pull off strength (N/mm ²)	ASTM D 4541	Concrete: ≥2 Steel: ≥6
Surface resistance(ohm)	DIN IEC 61340	≤0,5*10 ⁹ (fulfills the requirement for coating systems)
Abrasion resistance	EN ISO 5470-1	< 200 (H22, 1000 cycle)
Bond strength by pull-off	EN 1542	2,0 N/mm ²
Thermal Shock Resistance (200°C in 1 min.)	--	Resistant

PACKAGE

Type	Volume	Box
RAL 7040	425 kg set (225+200kg)	1



ENHANCED FLEXIBILITY

Very fast curing, two component and elastomeric pure polyurea system. In addition to having basic properties of polyurea systems properties, it has a lot more elasticity to be able to use where elasticity is essential like in metal roof and geotextile coatings. It can be used with confidence in both interior and exterior applications. The material must be applied utilizing high pressure, heated plural component spray proportioning equipment.

FEATURES

Excellent flexibility and elongation. Fast reactivity and fast return to service time. Seamless coating. 100% solid, VOC free, no solvents. Environmentally friendly. Very good tensile and structural strength. Excellent adhesion on concrete, steel, aluminum, fibers, wood, foam etc. Excellent flexibility. Excellent crack bridging properties. Temperature and moisture insensitive. UV, chlorine and saltwater resistant. Variable application thickness is possible. Broad color spectrum.

APPLICATION AREAS

General waterproofing applications where high flexibility necessary as: Pools and storage tanks. Roofs, terraces and garages. Geotextile coating. Decorative applications. Water and amusement parks.

TECHNICAL FEATURES

	Method	Datas
Chemical structure	A: MDI Prepolymer B: Amine Resin	
VOC content (%)	ASTM D1259	0
Solid content (%)	ASTM D2697	100
Gel time (sec)	--	20-30
Tack free time (sec)	--	60-90
Recoat time (hr)	--	0-12 (without pretreatment)
Post cure time (hr)	--	24
Density (gr/cm³)	ASTM D792	0,99-1,03
Tensile strength (MPa)	ASTM D638	≥ 10
Modulus (MPa)	ASTM D638	%100 elongation ≥3 %300 elongation ≥5
Elongation at break (%)	ASTM D638	≥500
Hardness (Shore A)	ASTM D2240	70-75
Pull off strength (N/mm²)	ASTM D 4541	Concrete: ≥2,5 Steel: ≥6

PACKAGE

Type	Volume	Box
RAL 7040	425 kg set (225+200kg)	1



ABRASION RESISTANT POLYUREA

Very fast curing, two component, aromatic, pure polyurea system derived from a reaction of an isocyanate prepolymer and an amine terminated resin blend. It is a high performance product designed especially for industrial applications where high abrasion, chemical and corrosion resistance is a priority. For waterproofing and protecting purposes, this product can be applied on materials like concrete, metal, wood, ceramic and many other substrates. The material must be applied utilizing high pressure, heated plural component spray proportioning equipment.



FEATURES

Excellent impact and abrasion resistance. Fast reactivity and fast return to service time. Seamless coating. 100% solid, VOC free, no solvents. Environmentally friendly. Very good tensile and structural strength. Excellent chemical resistance. Excellent impact and abrasion resistance. Excellent thermal stability. Excellent adhesion on concrete, steel, aluminum, fibers, wood, foam etc. Excellent corrosion protection. UV, chlorine and saltwater resistant. Variable application thickness is possible. Broad color spectrum.

APPLICATION AREAS

General waterproofing and anticorrosion applications where high performance required as: Industrial & manufacturing facilities, storage, load and high traffic areas. Wastewater infrastructure. Roads, bridge decks, railways, tunnels and truck bed liners. Mining containment, process equipment and distribution. Primary & secondary containments. Power plants, refineries, oil and gas industry. Cargo containers. Parking lots and garages. Cold storage facilities, loading docks and ramps.

TECHNICAL FEATURES

	Method	Datas
Chemical structure		A: MDI Prepolymer B: Amine Resin
VOC content (%)	ASTM D1259	0
Solid content (%)	ASTM D2697	100
Gel time (sec)	--	3-5
Tack free time (sec)	--	10-25
Recoat time (hr)	--	0-12 (without pretreatment)
Post cure time (hr)	--	24
Density (gr/cm ³)	ASTM D792	0,99-1,03
Tensile strength (MPa)	ASTM D638	≥ 20
Elongation at break (%)	ASTM D638	≥200
Hardness (Shore D)	ASTM D2240	50-45
Tear strength (N/mm)	ASTM D 624	≥50
Taber abrasion (mg)	EN ISO 5470-1	<25 (H22, 1000 cycle)
Impact resistance	EN ISO 6272-1	Class III
Thermal Resistance	--	-30 °C, +100°C
Pull off strength (N/mm ²)	ASTM D 4541	Concrete: ≥2,5 Steel: ≥6

PACKAGE

Type	Volume	Box
Grey RAL7040	425 kg set (225+200kg)	1



ECO PURE



Very fast set, rapid curing, flexible, two component, aromatic pure polyurea coating system derived from a reaction of an isocyanate prepolymer and an amine terminated resin blend. The system is designed as a waterproofing and floor protective coating for concrete, metal, wood, ceramic, geotextile and PU foam substrates. The material must be applied utilizing high pressure, heated plural component spray proportioning equipment.

FEATURES

Fast reactivity and fast return to service time. Seamless coating. 100 % solid, VOC free, no odour. Very good tensile and structural strength. Excellent thermal stability. Excellent chemical resistance. Excellent impact and abrasion resistance. Excellent adhesion on concrete, steel, aluminium, fibres, wood, foam etc. Excellent flexibility. Temperature and moisture insensitive. UV, chlorine and saltwater resistant. Variable application thickness possible. Broad colour spectrum.

APPLICATION AREAS

General waterproofing and anticorrosion applications- tanks, pools, swimming pools, ponds, pipes, pipelines, waste water treatments, manholes and sewer linings, roof, balcony and terrace coatings. Floors- industrial floors, hospitals, factories. Construction- roads, bridge decks, airports, line striping. Marine industry- ship's underwater part and ship's decks protection and ship docks. Leisure industry- water parks, aquariums linings, playgrounds and decorative applications. On thermal insulation products for waterproofing (polyurethane foam, EPS, XPS etc.)

TECHNICAL FEATURES

	Method	Datas
Chemical Structure		A: MDI Prepolymer B: Amine Resin
VOC content (%)	ASTM D1259	0
Solid content (%)	ASTM D2697	100
Gel time (sec)	--	5-10
Tack free time (sec)	--	15-30
Recoat time (hr)	--	0-12 (without pre-treatment)
Post cure time (hr)	--	24
Density (gr/cm ³)	ASTM D792	0,99-1,03
Tensile strength (MPa)	ASTM D638	≥ 15
Modulus (MPa)	ASTM D638	%100 elongation ≥10 %300 elongation ≥12
Elongation at break (%)	ASTM D638	≥375
Hardness (Shore D)	ASTM D2240	35-40
Hardness (Shore A)	ASTM D2240	90-95
Tear strength (N/mm)	ASTM D 624	≥40
Taber abrasion (mg)	EN ISO 5470-1	<100 (H22/1000 cycle)
Impact resistance	EN ISO 6272-1	Class III
Thermal Resistance	--	-30 °C +100°C
Pull off strength (N/mm ²)	ASTM D 4541	Concrete: ≥2,5 Steel: ≥6

PACKAGE

Type	Volume	Box
RAL 7040	425 kg set (225+200kg)	1
RAL 5012	425 kg set (225+200kg)	1



ALIPHATIC POLYUREA



%100 solid, fast curing, 2 component, UV resistive, aliphatic pure polyurea system. Its formulation is designed for maintaining high color stability and preventing discoloration where surfaces are exposed to sun light continuously. While it can be directly used on most surfaces, it also can be used as a top layer on epoxy, polyurethane and polyurea. After fully cured, it forms a coating material with high tensile strength and abrasion resistance. For protection and coating purposes, it can be applied on concrete, metal, wood, ceramic and PU foam. It can form strong films in wide variety of thicknesses. The material must be applied utilizing high pressure, heated plural component spray proportioning equipment.

FEATURES

Excellent resistance to UV light. Excellent color stability. Fast reactivity and fast return to service time. %100 solid, VOC free, no odor. Very good tensile and structural strength. Anticorrosive. High Hydrolysis resistance. Excellent temperature stability. Seamless and joint-less coating with high water resistance. Excellent adhesion on concrete, steel, aluminum, wood, etc. No sensitivity to temperature and humidity. Variable application thickness is possible. Broad color spectrum.

APPLICATION AREAS

At exterior coatings where color stability is required. Swimming pools and water parks. Roofs, garages and parking lots. Airports, shipyards and marina. Wind energy plants. Amusement parks and playgrounds. Decorative designs. Furniture industry.

TECHNICAL FEATURES

Chemical structure	Method	Datas
		A: MDI Prepolymer B: Amine Resin
VOC content (%)	ASTM D1259	0
Solid conten (%)	ASTM D2697	100
Gel time (sec)	--	15-30
Tack free time (sec)	--	45-60
Recoat time(hr)		0-12
Density (gr/cm ³)	ASTM D792	1,05-1,08
Tensile strength (MPa)	ASTM D638	>16
Elongation at break (%)	ASTM D638	≥400
Hardness (Shore D)	ASTM D2240	40-45
Abrasion resistance (mg)	EN ISO 5470-1	<33 (H22, 1000 cycle)
Pull off strength (N/mm ²)	ASTM D4541	Concrete: ≥2,5 Steel: ≥6

PACKAGE

Type	Volume	Box
RAL 7040	410 kg set (210+200kg)	1
RAL 5012	410 kg set (210+200kg)	1
RAL 3000	410 kg set (210+200kg)	1



POLYASPARTIC SOFT

Two component, rapid curing, UV resistant, Excellent color stable new generation polyaspartic based polyurea surface coating system for both decorative and protective applications. On account of the UV and color fast properties, it is ideal for use as thin layer coating and clear topcoat sealer for surface protection on existing coating systems. After the product is completely cured, it forms a glossy, smooth top layer with high scratch, abrasion and chemical resistance. Polyaspartic system can be applied in a single or multiple coats by roll, brush or squeegee to a variety of substrates including concrete and metal.



FEATURES

Excellent UV light resistance. Long working and gel time. Fast reactivity and cure time (applicable to pedestrian traffic after 3-4 hours). Rapid return to service (return to service in 24 hours). Easy application and spreading. Excellent adhesion to concrete and metal substrates. High abrasion, impact and corrosion resistance. Excellent chemical resistance. Resistant to chlorine and saltwater. High hydrolysis resistance. Perfect thermal stability. Available in transparent and several RAL colours.

APPLICATION AREAS

As top layer over polyurea coatings where UV resistance and color stability is required. Clear sealer over decorative concrete surfaces. Swimming pools, terraces and garage floors. Restaurant and hospital flooring. Water parks, amusement parks and decorative applications.

TECHNICAL FEATURES

	Method	Datas
Chemical structure		A: HDI Prepolymer B: Amine Resin
Mix ratio (by weight)	--	40:60 (A:B)
Consumption (g/m ²)	--	150-200
Recommended thickness (µm)	--	150-200
VOC content (%)	ASTM D1259	0
Solid content (%)	ASTM D2697	95
Gel time (min)	--	30-35*
Tack free time (min)	--	60-70*
Pedestrian traffic time (hr)	--	3-4*
Full cure time (day)	--	7*
Tensile strength (MPa)	ASTM D638	> 9
Elongation at break (%)	ASTM D638	>100
Hardness (Shore A)	ASTM D2240	65-70

*Drying time is temperature, humidity and film thickness dependent.

PACKAGE

Type	Volume	Box
RAL 7040	10kg (4kg+6 kg)	1
RAL 5012	10kg (4kg+6 kg)	1
RAL 3000	10kg (4kg+6 kg)	1
Transparent	10kg (4kg+6 kg)	1





POLYASPARTIC HARD

Two component, rapid curing, UV resistant, Excellent color stable new generation polyaspartic based polyurea surface coating system for both decorative and protective applications. On account of the UV and color fast properties, it is ideal for use as thin layer coating and clear topcoat sealer for surface protection on existing coating systems. After the product is completely cured, it forms a glossy, smooth top layer with high scratch, abrasion and chemical resistance. Polyaspartic system can be applied in a single or multiple coats by roll, brush or squeegee to a variety of substrates including concrete and metal.

FEATURES

Excellent color stability and gloss retention. Excellent UV light resistance. Long working and gel time. Fast reactivity and cure time (applicable to pedestrian traffic after 3-4 hours). Rapid return to service (return to service in 24 hours). Easy application and spreading. Excellent adhesion to concrete and metal substrates. High abrasion, impact and corrosion resistance. Excellent chemical resistance. Resistant to chlorine and saltwater. High hydrolysis resistance. Perfect thermal stability. Available in transparent and several RAL colours.

APPLICATION AREAS

As top layer over polyurea coatings where UV resistance and color stability is required. Clear sealer over decorative concrete surfaces. Swimming pools, terraces and garage floors. Industrial and commercial flooring. Restaurant and hospital flooring. Water parks, amusement parks and decorative applications. Aircraft hangers. Deck coatings. Wind energy plants.

TECHNICAL FEATURES

	Method	Datas
Chemical structure		A: HDI Prepolymer B: Amine Resin
Mix ratio (by weight)	--	60:40 (A:B)
Consumption (g/m ²)	--	150-200
Recommended thickness (μm)	--	150-200
VOC content (%)	ASTM D1259	0
Solid content (%)	ASTM D2697	95
Gel time (min)	--	30-35*
Tack free time (min)	--	50-60*
Pedestrian traffic time (hr)	--	3-4 *
Full cure time (day)	--	7*
Min. recoat time (hr)	--	2*
Max. recoat time (hr)	--	24*
Tensile strength (MPa)	ASTM D638	>30
Elongation at break (%)	ASTM D638	4-6
Hardness (Shore D)	ASTM D2240	65-70
Abrasion resistance (mg)	EN ISO 5470-1	<15 (H22, 1000 cycle)

*Drying time is temperature, humidity and film thickness dependent.

PACKAGE

Type	Volume	Box
RAL 7040	10kg (6kg+4 kg)	1
RAL 5012	10kg (6kg+4 kg)	1
RAL 3000	10kg (6kg+4 kg)	1
Transparent	10kg (6kg+4 kg)	1





HYBRID SYSTEMS

Very fast set, rapid curing, flexible, two component hybrid polyurea system. It is derived from a reaction of an isocyanate prepolymer and an amine terminated resin blend. It can be applied as an economic waterproofing and coating alternative to pure polyurea products. The material must be applied utilizing high pressure, heated plural component spray proportioning equipment. Polyurea HB 1010 conforms to requirements of the EN 1504-2 standard (concrete surface protection systems).

FEATURES

Economic alternative to pure polyurea products. Fast reactivity and return to service time. 100% solid, VOC free, no solvents. Environmentally friendly. Seamless coating. Very good tensile and structural strength. Excellent adhesion on concrete, steel, aluminum, fibers, wood, foam etc. Excellent flexibility. Excellent crack bridging properties. Variable application thickness possible. Broad color spectrum.

APPLICATION AREAS

General waterproofing under ceramic, screed concrete, marble and other floor coverings. General waterproofing for light foot traffic areas like roofs, balconies, terraces, walkways and public areas. Waterproofing of ground concrete and load bearing walls. Play grounds and decorative applications. On thermal insulation products for waterproofing (polyurethane foam, EPS, XPS etc.)

TECHNICAL FEATURES

Chemical structure	Method	Datas
		A: MDI Prepolymer B: Amine Resin
VOC content (%)	ASTM D1259	0
Solid content (%)	ASTM D2697	100
Gel time (sec)	--	5-10
Tack free time (sec)	--	15-30
Recoat time (hr)	--	0-12 (without any pretreatment)
Density (gr/cm ³)	ASTM D792	0,99-1,03
Tensile strength (MPa)	ASTM D638	≥15
Modulus (MPa)	ASTM D638	%100 elongation ≥ 5
Elongation at break (%)	ASTM D638	≥350
Hardness (Shore A)	ASTM D2240	90-95
Tear strength (N/mm)	ASTM D-624	≥25
Taber abrasion (mg)	EN ISO 5470-1	<250 (H22, 1000 cycle)
Impact resistance	EN ISO 6272-1	Class III
Pull off strength (N/mm ²)	ASTM D4541	Concrete: ≥3 Steel: ≥6

PACKAGE

Type	Volume	Box
RAL 7040	425 kg set (225+200kg)	1
RAL 5012	425 kg set (225+200kg)	1



PU WATERPROOFING MEMBRANE



One part, easy to apply, specially formulated polyurethane based, elastic, crack bridging membrane. It cures to form a highly elastic, seamless, waterproof coating with excellent crack bridging properties. Its performance is maintained even at low temperatures.

FEATURES

Excellent Adhesion. Easy application. May be applied interior and exterior areas. Crack Bridging. Highly elastic. Economical in use. Silk/matt appearance. Root penetration resistant

APPLICATION AREAS

Seamless coating on roofs and concrete structures, which can also be used as a waterproofing membrane on non-trafficked areas. Not suitable for permanent water immersion. Can be applied on concrete, brickwork, asbestos cement, roof tiles, roofing felt etc. For areas with specific official performance requirements, please contact us for product selection.

TECHNICAL FEATURES

Chemical Base	: Solvent Base Polyurethane
Density	: 1.35 ± 0.03 gr/ml (ASTM D1875)
Appearance/Color	: Liquid, White or Grey Colors
Surface Curing	: 3 h (23°C and %50 R.H.) (ASTM C679)
Viscosity	: 5000-10000 cps
Ready for foot traffic*	: 24-36 h (23°C and %50 R.H.) (ASTM C679)
Full Cure	: 7 days (23°C and %50 R.H.)
Shore A Hardness	: 60 ± 5 (ASTM D 2240)
% Elongation	: ≥ 450 (DIN EN ISO 527)
Solid Content	: Weight -% 84 (23°C and %50 R.H.)
Tensile Strength	: 3 N/mm ² (DIN 53504)
Heat Resistance	: -20°C and +80°C
Application Temperature	: +5°C and +35°C

PACKAGE

Type	Volume	Box
White (Metal Pail)	Net 25 kg	1
Grey (Metal Pail)	Net 25 kg	1
White	Net 1 kg	1
Grey	Net 1 kg	1



PU TOPCOAT WATERPROOFING MEMBRANE



One component, aliphatic polyurethane based coating material with high permanent elasticity, superior UV resistance, color stability and easy-to-clean surface. It has a special curing system (triggered by the moisture) and does not create bubbles during curing.

FEATURES

Excellent adhesion properties. Excellent resistance to abrasion and wear. Prevents color fading and dust formation likely to occur on polyurethane waterproofing materials. Easy application (by roller and airless gun). Forms bright and easy-to-clean surface. UV resistant. Over-walk able after application (light pedestrian traffic). Impervious to water and deicing salts. Uniform structure without any connection edges.

APPLICATION AREAS

It is used as a topcoat on polyurethane-based waterproofing materials for protecting waterproofing, giving a decorative appearance to the surface, maintaining brightness of the surface and preventing dust formation.



TECHNICAL FEATURES

COLORED

Chemical Base	: Polyurethane
Density	: 1,30 ± 0.03 gr/ml (ASTM D1875)
Appearance/Color	: Liquid, White or Grey Colors
Surface Curing	: 3-5 hrs (23°C and %50 R.H.) (ASTM C679)
Ready for foot traffic*	: 24-36 hrs (23°C and %50 R.H.) (ASTM C679)
Full Cure	: 7 days (23°C and %50 R.H.)
Shore A Hardness	: 60±5 (ASTM D 2240)
% Elongation	: ≥ % 350 (DIN EN ISO 527)
Solid Content	: Weight - % 85 (23°C and %50 R.H.)
Heat Resistance	: -20°C and +80°C
Application Temperature	: +5 °C and +35 °C

* With Care. Only for inspection or for application of the next layer, not for permanent traffic.

TRANSPARENT

Chemical Base	: Solvent Based Polyurethane
Density	: 1.00 ± 0.03 gr/ml (ASTM D1875)
Appearance/Color	: Liquid, Clear
Surface Curing Time	: 8-12 hrs (23°C and %50 R.H.) (ASTM C679)
Ready for foot Traffic*	: 24-36 hrs (23°C and %50 R.H.) (ASTM C679)
Full Cure	: 7 days (23°C and %50 R.H.)
Shore A Hardness	: 60 (ASTM D 2240)
Elongation %	: ≥ % 250 (DIN EN ISO 527)
Heat Resistance	: -20°C and +80 °C
Application Temperature	: +5 °C and +35 °C

* With Care. Only for inspection or for application of the next layer, not for permanent traffic.

PACKAGE

Type	Volume	Box
Transparent	Net 15 kg	1
Light Grey RAL7035	Net 15 kg	1
White RAL9010	Net 15 kg	1



WATERGUARD ACRYLIC WATERPROOFING MEMBRANE

Acrylic Waterproofing Membrane is a one component, water based, acrylic copolymer based elastic waterproofing membrane.

FEATURES

Ready to use. Can be easily applied with airless spray gun, roller or brush. Low labor cost. Does not contain solvent, can be diluted with water. Water vapor permeable. Resistant to UV. Maintains elasticity even at low temperatures. Over paintable. High opacity. Can be colored with water based color pastes. Seamless application.

APPLICATION AREAS

Waterproofing of;
Balconies, terraces and roofs. Facades. Wooden surfaces.
Asphalt and bitumen floorings. Roofing details such as gutters, chimney edges etc.

TECHNICAL FEATURES

Chemical Basis	: Acrylic copolymer
Solid Content	: %70-80
Density	: 1,37 ± 0,03 g / ml
Consistency / Color	: Liquid / White
Viscosity	: 50.000 ±5000 (Spindle No:6, 12rpm, 20°C)
Dry Time for Next Layer Application	: 4-5 hours (23°C, %50 R.H.)
Service Time	: 48 hours (23°C, %50 R.H.)
Consumption	: Horizontally 1,0-1,5 kg/m ² , vertically 0,75 kg/m ²
Elongation at Break	: ≥ 600% (DIN 53504)
Tensile Strength	: >1 N/mm ² (DIN 53504)
Application Temperature	: +5°C ile +35°C
Ambient Temperature	: +5 °C ile +35°C

PACKAGE

Type	Volume	Box
White	Net 5 kg	1
White	Net 20 kg	1





HYBRID WATERPROOFING MEMBRANE

Premium, liquid and cold applied, one-component silane modified polymer (SMP) based polymer, elastic, waterproofing membrane, free of bitumen, solvent and isocyanates. After fully cured, it forms waterproof, UV resistant surface which also repairs the cracks up to 5mm.

FEATURES

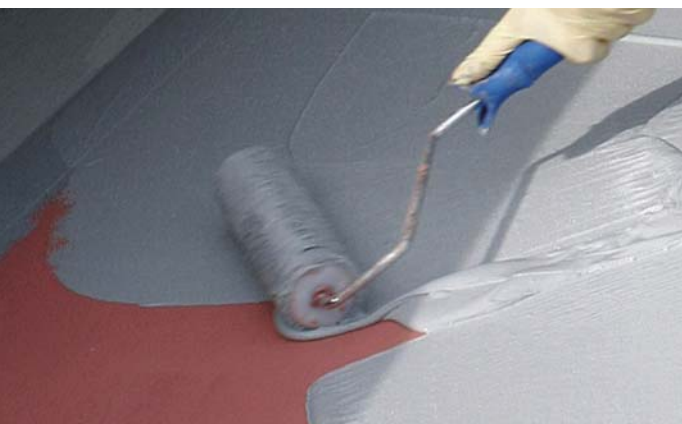
Applicable also on damp surfaces. Good resistance to UV, water and moisture. Self-leveling. Paintable. Applicable by brush, roller or a spatula. Provides water vapor permeability, allowing the surface to breathe. Environmental friendly - Free of bitumen, isocyanates and solvents.

APPLICATION AREAS

Protection, repair, restoration and waterproofing of the following surface and areas: Concrete floor slabs and roofs. Balconies and terraces. Small horizontal movement joints. As a flexible coating of roofs. Protection of Polyurethane Foam Insulation. Waterproofing of Wet Areas (under-tile) in bathrooms, kitchens, balconies, auxiliary rooms, etc.

TECHNICAL FEATURES

Base	: Hybrid Polymer	
Density (g/ml)	: 1,44 (ASTM D1875)	
Colour	: Grey/White	
Curing Rate (23°C %50 R.H.)	: 3,05 m/day	
Viscosity	: 10000-20000 cps	Brookfield DV-E RV 23°C Spindle No 05
Hardness (Shore A)	: 30 ± 5 ISO 868	
% Elongation	: Min. 300%	(DIN 53504)
Tensile Strength (N/mm ²)	: 1-1,5 (DIN 53504)	
Application Temperature	: +5°C to +35°C	
Product Temperature	: +5°C to +25°C	
Temperature Resistance (Cured Product)	: -20°C to +80°C	



PACKAGE

Type	Volume	Box
Grey RAL7040	1 kg	12
Grey RAL7040	14 kg	1



WATERGUARD LIQUID FLASHING HYBRID

Hybrid polymer based, an all-purpose, fluid applied flashing used to create a weather resistant, fully adhered waterproof barrier system around window and door installations.

FEATURES

Does not contain solvent, silicone, bitumen or isocyanate. Easy to use trowel application. No mixing needed and primer required. Water and frost resistant. Allows substrates to breathe. Bonds to multiple materials. Can be applied damp surface. Prevents membrane wear and tear. Low labor cost.

APPLICATION AREAS

Indoor and outdoor. Vertical and horizontal surfaces. Surface restoration of old substrates. Foundations, basements and garages. Bathroom and wet floors.

TECHNICAL FEATURES

Basis	: Hybrid Polymer
Curing Mechanism	: Moisture
Density	: 1,46 ± 0,03 g / ml
Consistency / Color	: Viscous liquid / Blue
Hardness Shore A	: 35-40 (ISO 868)
Viscosity	: 80.000-140.000 cps (Spindle 07, Brookfield)
Skin Formation Time	: 50 ± 5 min (23°C, 50% R.H.)
Curing Performance	: Min.2,5 mm/24h (23°C, 50% R.H.)
Elongation at Break	: ≥ 250% (DIN 53504)
Tensile Strength	: 1,6-2,1 N/mm² (DIN 53504)
Application Temperature	: +5°C to +40°C
Temperature Resistance	: -40 °C to +90°C



PACKAGE

Type	Volume	Box
Grey RAL7040	600 ml	12
Grey RAL7040	Net 1 kg	12
Grey RAL7040	Net 14 kg	1



WATERGUARD HYBRID ROOF DETAIL

Hybrid polymer based liquid flashing compounds for waterproofing of complex roofing details and connections such as pipes, chimneys, lightdomes, gutters etc.

FEATURES

Does not contain solvent, silicone, bitumen or isocyanate. Simple application. Forms seamless membrane without joints or leak possibilities. Water and frost resistant. Provides water vapor permeability. Full surface adherence without any additional anchoring. Can be applied damp surface. In case of damage, membrane can be easily repaired locally within minutes. Low labor cost.

APPLICATION AREAS

The Roof Detail Hybrid is mainly used to waterproof details like;

- Pipes • Flashings and 90° angles • Lightdomes • Chimneys
- Wall-floor connections • Roofing and gutters
- Photovoltaic systems • Concrete, mortar, cement screed, wood etc.

TECHNICAL FEATURES

Chemical Base	: Hybrid Polymer
Curing Mechanism	: Moisture
Density	: 1,46 ± 0,03 g / ml
Consistency / Color	: Viscous liquid / White, Grey, Black
Hardness Shore A	: 35±5 (ISO 868)
Viscosity	: 80.000-120.000 cps (Spindle 07, Brookfield)
Skin Formation Time	: 40-60 min (23°C, 50% R.H.)
Curing Performance	: Min.2,5 mm/24h (23°C, 50% R.H.)
Elongation at Break	: ≥ 250% (DIN 53504)
Tensile Strength	: 1,5-2,0 N/mm² (DIN 53504)
Application Temperature	: +5°C to +40°C
Temperature Resistance	: -40 °C to +90°C

PACKAGE

Type	Volume	Box
Grey RAL7040	Net 1 kg	12
Grey RAL7040	Net 7 kg	2
Grey RAL7040	Net 14 kg	1





POLYUREA

JOINT SEALANTS

Self-leveling, 100% solid, flexible, two component, 1:1 volumetric ratio, rapid curing polyurea elastomer joint and crack filler. Cures rapidly and consistently in applications ranging from -10°C to 50°C. Applications can be reopened to vehicle or foot traffic in 1 hour. Recommended time of cure of concrete minimum 30 days prior to installing joint filler or joint sealant.

FEATURES

100% solid, VOC free, no solvents. Fast reactivity. Returns project to service in 60 Minutes. Temperature and moisture insensitivity. Excellent thermal stability. Very good tensile and structural strength. Resistant to petrochemicals and chemicals.

APPLICATION AREAS

Concrete crack repair and joint filler on; Airports. Roofs. Parking lots and garages. Industrial facilities. Warehouse floors. Manufacturing facilities. Bottling and canning facilities. Food processing facilities. Cold storage facilities.

TECHNICAL FEATURES

Chemical structure	Method	Datas
		Isocyanate (MDI) Prepolymer
		Amine Resin
VOC content (%)	ASTM D-1259	0
Solid content (%)	ASTM D-2697	100
Gel time (min)	--	1-1,5
Tack free time (min)	--	3-5
Recoat time (hr)	--	0-12 (without pretreatment)
Post cure time (hr)	--	24
Density (gr/cm ³)	ASTM D-792	0,99-1,03
Tensile strength (MPa)	ASTM D638	≥5
Elongation at break (%)	ASTM D638	≥250
Hardness (Shore A)	ASTM D2240	70-75
Pull off strength (N/mm ²)	ASTM D 4541	concrete: ≥2 steel : ≥5

Chemical structure	Method	Datas
		MDI Prepolymer
		Amine Resin
VOC content (%)	ASTM D-1259	0
Solid content (%)	ASTM D-2697	100
Gel time (min)	--	1-1,5
Tack free time (min)	--	3-5
Recoat time (hr)	--	0-12 (without pretreatment)
Post cure time (hr)	--	24
Density (gr/cm ³)	ASTM D-792	0,99-1,03
Tensile strength (MPa)	ASTM D638	≥9
Elongation at break (%)	ASTM D638	≥200
Hardness (Shore A)	ASTM D2240	80-88
Pull off strength (N/mm ²)	ASTM D 4541	concrete: ≥2 steel : ≥5





2K POLYURETHANE DILATATION FILLER

Self-leveling polyurethane sealant ideal for horizontal applications. Its elasticity allows it to absorb continual movements of the structure caused by thermal changes without problems of cracking.

FEATURES

Two component. Easy to mix. Fast cure. Self-leveling consistency, easy to apply in horizontal joints. Possesses permanent elasticity. High adhesion strength. Capable of $\pm 25\%$ joint movement. Paintable.

APPLICATION AREAS

Used for sealing of horizontal joints. Interior and exterior. Expansion joints between many different construction materials. Industrial floors. Driveways/Garages. Sidewalks.

TECHNICAL FEATURES

BEFORE MIXING

Component A (Base)

Consistency	: Paste
Density	: 1.55 ± 0.02 g/ml
Color	: White

Component B (Curing Agent)

Consistency	: Liquid
Density	: 1.00 ± 0.01 g/ml
Color	: Black

AFTER MIXING-CURING

Mixing Ratio	: 2:1 A:B (by weight)
Basis	: Polyurethane
Colour	: Grey
Consistency	: Self-leveling
Density	: 1.35 ± 0.02
Tack free time	: 60 min. (23°C %50 R.H)
Curing Rate	: min. 3 mm/day (23°C %50 R.H)
Elongation at Break	: $\geq 250\%$ (ASTM D412)
Tensile Strength	: $0.75-1.0$ N/mm ² (ASTM D412)
Shore A - Hardness	: 25 ± 5 After 28 days (ASTM C661)
Paintable	: Yes*
Application Temperature	: +5°C to +35°C

PACKAGE

Type	Volume	Box
White	9 kg set (6 + 3 kg)	1
Grey	9 kg set (6 + 3 kg)	1



HANDMIX POLYUREA

Hand mixable, self-leveling, 100% solids, flexible, two-component polyurea material. The product has a retarded reaction time (pot life) to permit 'hand mix' use. This superior material designed for joint and crack filling for concrete applications. It works well in adverse temperature conditions and reopen to vehicle and foot traffic just one hour after the application.



FEATURES

100% solids, VOC Free. Hand mixable and applicable. Remains flexible in cold temperatures. Open to traffic in 60 minutes. Cures from -18 °C to 65 °C. Temperature and moisture insensitive.

APPLICATION AREAS

Concrete crack and repair. Small repairs on existing polyurea coating. Concrete joint filler in; industrial floors, manufacturing facilities, cold storage facilities, airports and garages.

TECHNICAL FEATURES

Chemical structure	Method	Datas	
		Isocyanate (MDI) Prepolymer (A)	Amine Resin (B)
VOC content (%)	ASTM D-1259	0	
Solid content (%)	ASTM D-2697	100	
Gel time (min)	--	5-6	
Tack free time (min)	--	6-7	
Density (gr/cm³)	ASTM D-792	0,99-1,03	
Tensile strength (MPa)	ASTM D638	≥4	
Elongation (%)	ASTM D638	≥280	
Hardness (Shore A)	ASTM D2240	70-75	
Pull off strength (N/mm²)	ASTM D 4541	concrete: ≥2 steel : ≥5	

PACKAGE

Type	Volume	Box
Grey RAL 7040	4,2 kg set (2 + 2,2 kg)	1





TRANSPARENT

Transparent, half-elastic, single component PU primer that penetrates to deep. A solvent-based product. It cures with the moisture of the surface and the humidity in the air.

FEATURES

Excellent adhesion to absorbent surfaces. Highly elastic to meet surface movements. Easy application (by roller or airless gun). Resistant to accumulated water and frost. Economical in use.

APPLICATION AREAS

It is used as a primer on absorbent surfaces like concrete, light concrete, cement, plaster, screed base, mortar, wood, especially before polyurethane based waterproofing materials and polyurethane sealants.

TECHNICAL FEATURES

Chemical Base	: Solvent Base Polyurethane
Density	: 1,00 ± 0,03 gr/ml (ASTM D1875)
Appearance/Color	: Liquid, Clear
Surface Curing	: 2-3 hrs (23°C and %50 R.H.) (ASTM C679)
Ready for foot traffic*	: 12-18 hrs (23°C and %50 R.H.) (ASTM C679)
Full Cure	: 4 days (23°C and %50 R.H.)
Shore A Hardness	: 90 ± 5 (ASTM D 2240)
Adhesion to Concrete	: 2,0 ± 0,3 N/mm ² (ASTM D 903)
Heat Resistance	: -20°C and +80 °C
Application Temperature	: +5 °C and +35 °C



PACKAGE

Type	Volume	Box
Transparent	Net 15 kg	1
Transparent	Net 5 kg	1
Transparent	1 L	



MOISTURE TOLERANT EPOXY PRIMER

Two component, epoxy based, solvent free surface preparation primer which creates moisture barrier on damp surfaces and penetrates to the cracks in the concrete. It penetrates and strengthens the surface of the concrete, reduces pinhole formations and provides a chemically reactive surface to accept coating systems. Coating adhesion force is increased by up to three times that of unprimed concrete.

FEATURES

Excellent adhesion and penetration to damp concrete surfaces. Seals pores and capillaries. Perfect resistance to water, freeze, humidity and harsh weather conditions. Can be used indoor and outdoor applications. Economical.

APPLICATION AREAS

It can be used before polyurea, polyurethane and epoxy coating applications for humidity and water vapor prevention on damp concrete surfaces. To avoid osmosis bubbles that formed via the effect of the pressure from the negative side.

TECHNICAL FEATURES

Basis	: Two Component Epoxy Resin
Density (A+B)	: 1,32 gr/cm ³
Appearance/Color	: Colorless, blurry
Open time	: 2 hours (23°C and 50% R.H.)
Light foot traffic	: 12-18 hours (23°C and 50% R.H.)
Full cure time	: 7 days (23°C and 50 % R.H.)
Min. cure temperature	: +8°C
Consumption	: 0,3-0,5 kg/m ²
Shore A Hardness	: 98
Adhesion force (concrete)	: 2,5 N/mm ²
Application temperature	: +8 °C and +35 °C

PACKAGE

Type	Volume	Box
colorless	20 kg. set (15 + 5 kg)	1





STANDARD EPOXY PRIMER

Two component, solventless, low viscosity, epoxy based surface preparation primer with high penetration property. It is for usage as a primer and correction layer before coatings. Provides excellent adherence on concrete and concrete screed surfaces where surface preparation is made.

FEATURES

Perfect adhesion to porous substrates. Easy application (with roller or airless spray gun). Useable in both exterior and interior areas. Economical.

APPLICATION AREAS

Used as a primer on absorbent surfaces like concrete, lightweight concrete, cement screed, wood before the water insulation materials like polyurea, epoxy and polyurethane based water insulation materials. Impregnates the concrete surfaces to protect it against corrosion, dusting and chemicals.

TECHNICAL FEATURES

Basis	: Two Component Epoxy Resin
Density (A+B)	: 1,323 gr/cm ³
Appearance/Color	: Colorless, blurry
Open time	: 2 hours (23°C 50 % R.H.)
Light foot traffic	: 12-18 hours (23°C 50% R.H.)
Full cure time	: 7 days (23°C 50 % R.H.)
Min. cure temperature	: +8°C
Consumption	: 0,3-0,5 kg/m ²
Shore A Hardness	: 98
Adhesion force (concrete)	: 2,5 N/mm ²
Application temperature	: +8 °C and +35 °C



PACKAGE

Type	Volume	Box
colorless	20 kg. set (15 + 5 kg)	1

EPOXY PRIMER FOR METAL

Two component, epoxy based primer with excellent corrosion protection properties for use on metal surfaces. It has high structural strength, abrasion and chemical resistance.



FEATURES

Excellent adhesion to metal surfaces. Protect metal from corrosion. Resistant to acids, bases, oils, gasoline, solvents and salt water. Perfect resistance to water, freeze, humidity and harsh weather conditions. Easy application. Can be used indoor and outdoor applications. Long working time and pot life.

APPLICATION AREAS

It is designed as an anticorrosive & anti-rusting primer on iron and steel substrates prior to the application of waterproofing membranes and coatings. Application examples include protection of silos, steel bridges, fences, metals roofs, pipes, reinforcement bars etc.

TECHNICAL FEATURES

Basis	: Two Component Epoxy Resin
Appearance/Color	: Colorless, blurry
Density (A+B)	: 1,47 gr/cm ³
Viscosity (A+B)	: 480 cps (25 °C)
Open time	: 2 hours (23 °C 50 % R.H.)
Light foot traffic	: 12-18 hours (23°C 50% R.H.)
Full cure time	: 7 days (23 °C 50 % R.H.)
Min. cure temperature	: +8°C
Application temperature	: +15 °C and +30 °C
Consumption	: 0,3-0,5 kg/m ² /layer
Recoat time	: 3-24 hours
Shore A Hardness	: 95
Adhesion force (steel)	: > 3 N/mm ²
Corrosion protection	: Pass (2000 hours, ASTM B-117)



PACKAGE

Type	Volume	Box
colorless	18 kg. set (15 + 3 kg)	1

TRANSPARENT EPOXY PRIMER

Two component, multifunctional, clear epoxy primer consisting epoxy resin and curing agent binder, giving the low viscosity characteristics necessary to wet the substrate, designing for sealing absorbent or porous substrates like concrete or wood. It is especially suitable as a base component in decorative floor finishes.



FEATURES

Low viscosity for maximum penetration. UV stable, can be used outdoor applications. Easy application. VOC free and low odor. Excellent adhesion to common substrate materials. Excellent bonding for polyurea, epoxy and polyurethane coating finishes. Seals pores and capillaries.

APPLICATION AREAS

Primer coat for decorative resinous flooring systems. Clear may be used as a primer coat over dyed or stained concrete. General purpose primer for subsequent finish of coating products and flooring installation. Can be used either as a coating or filled with paint chips, marble chips and colored chips to provide color schemes or patterns.

TECHNICAL FEATURES

Basis	: Epoxy
Consistency	: Liquid
Mix Ratio (by weight)	: 2:1 (resin:hardener)
Density (A+B)	: 1,07 gr/cm ³
Mixed viscosity (A+B)	: 600-800 cP
Open time (pot life)	: 45 min. (23°C 50 % R.H.)
Tack free time	: 4 hours (23°C 50% R.H.)
Full cure time	: 7 days (23°C 50 % R.H.)
Recoat time	: 4 to 24 hour
Min. cure temperature	: +10 °C
Consumption (coverage rate)	: 0,3-0,5 kg/m ² (coverage will vary depending on porosity of floor)
Adhesion force (concrete)	: > 2 N/mm ²
Application temperature	: +10 °C and +35 °C

PACKAGE

Type	Volume	Box
Transparent	12 kg. set (8 + 4 kg)	1



WATERBASED EPOXY PRIMER

Two component, multifunctional, water based epoxy primer consisting epoxy resin and curing agent binder, giving the low viscosity characteristics necessary to wet the substrate, giving good penetration properties for porous substrates like concrete or wood.



FEATURES

Low viscosity for maximum penetration. Easy application. VOC free and low odor. Excellent adhesion to common substrate materials. Barrier properties against moisture and water. Seals pores and capillaries. Convenient recoat properties. Can be used indoor and outdoor applications.

APPLICATION AREAS

Primer before polyurea, polyurethane and epoxy coating applications. General purpose primer and moisture vapour barrier beneath flooring installation onto porous substrates. Primer for ceramic tiles. To avoid osmosis bubbles that formed via the effect of the pressure from the negative side.

TECHNICAL FEATURES

Basis	: Epoxy
Consistency	: Liquid
Mix Ratio (by weight)	: 3:2 (resin(A):hardener (B))
Density (A+B)	: 1,1 gr/cm ³
VOC (A and B)	: <0,5 g/L
Mixed viscosity (A+B)	: 2500-3000 cps
Open time (pot life)	: 60 min. (23°C 50 % R.H.)
Tack free time	: 150-180 min. (23°C 50% R.H.)
Full cure time	: 7 days (23°C 50 % R.H.)
Recoat time	: 3 to 24 hour
Min. cure temperature	: +10 °C
Consumption (coverage rate)	: 0,15-0,2 kg/m ² (coverage will vary depending on porosity of floor)
Adhesion force (concrete)	: > 2 N/mm ²
Application temperature	: +10 °C and +35 °C

PACKAGE

Type	Volume	Box
Transparent	5 kg set (3+2 kg)	1



WINTER GRADE EPOXY PRIMER

Two component, low viscosity moisture tolerant epoxy based, solvent free surface preparation primer which is especially developed as a damp concrete penetrating primer before coating applications. Because of its special formulation, this primer can be applied at sub-zero surface temperatures.



FEATURES

Excellent adhesion to damp concrete surfaces. Easy application. Perfect resistance to water, freeze, humidity and harsh weather conditions. Can be used indoor and outdoor applications. Economical.

APPLICATION AREAS

It can be used before polyurea, polyurethane and epoxy coating applications for humidity and water vapor prevention on damp concrete surfaces. To avoid osmosis bubbles that formed via the effect of the pressure from the negative side.

TECHNICAL FEATURES

Basis	: Two Component Epoxy Resin
Density (A+B)	: 1,26 gr/cm ³
Appearance/Color	: Colorless, blurry
Open time	: 25 min (23°C 50 % R.H.)
Light foot traffic	: 4 hours (23°C 50% R.H.)
Full cure time	: 3 days (23°C 50 % R.H.)
Min. cure temperature	: -2°C
Consumption	: 0,3-0,5 kg/m ²
Shore A Hardness	: 98
Adhesion force (concrete)	: >2 N/mm ²
Application temperature	: -2 °C and +25 °C



PACKAGE

Type	Volume	Box
colorless	16 kg. set (11 + 5 kg)	1



EMPRENYE EPOXY PRIMER

Solvent free, two component epoxy primer. Due to its low viscosity, it can penetrate deep into the substrate and fill the pores and capillaries.

FEATURES

Low viscosity. High penetration ability. Ideal surface penetration before coating.

APPLICATION AREAS

Impregnation primer that fill capillary pores on concrete surfaces. Surface preparation primer for epoxy, polyurethane and polyurea floor coverings.

TECHNICAL FEATURES

	METOD	DATAS
Mix ratio	-	5:1
Color		Colorless
Viscosity (mixture)		1200-1300 cps
Density (mixture)	EN ISO 2811-1	1,33 gr/cm ³
Pot Life	-	2-3 hr. (23 °C 50% R.H.)
Tack Free Time	-	6-7 hr (23 °C 50% R.H.)
Full cure Time	-	7 days (23 °C 50% R.H.)
Recoat Time	-	12 hr (25 °C)
Adhesion Strength	ASTM D4541	>3N/mm ² (concrete)
Application temperature	-	+10 °C +35 °C



PACKAGE

Type	Volume	Box
colorless	24 kg set(20+4kg)	1



EPOXY COATING SELF LEVELING (BASE COAT)

Two component, solvent free, self-leveling, epoxy coating with high impact and abrasion strength with also a very good resistance against acidic and basic solutions.

FEATURES

Solvent free. High impact resistance. Designed for application by brush and roller. Excellent chemical resistance. Excellent mechanical properties; high tensile and tear strength, abrasion resistance. Resistant to bacterial and fungus growth. Creates a glossy, easy to clean anti-dust surface.

APPLICATION AREAS

High traffic car parking areas. Warehouses. Industrial floors. Hotels. Retail shopping areas. Hospitals.

TECHNICAL FEATURES

	METOD	DATAS
Mix Ratio	-	5:1
Viscosity (Mixture) 23°C	ASTM D2196-99	1200-1800 cps
Density (Component A) 23°C	EN ISO 2811-1	1,70 g/cm ³
Density (Component B) 23°C	EN ISO 2811-1	1,02 g/cm ³
Density (Mixture)	EN ISO 2811-1	1,53 g/cm ³
Pot Life 23°C	INTERNAL	1 hours
Tack Free Time 23°C	INTERNAL	4 hours
Light Traffic	INTERNAL	24 hours
Heavy Traffic	INTERNAL	7 days
Shore D Hardness	ASTM D2240	80 (After 7 days)
Adhesion strength	ASTM D4541	>3N/mm ² (concrete)
Shrinkage	INTERNAL	0%
Compression strength	EN 196-1	>50 N/mm ²
Application Temperature	-	+10 °C +35 °C

PACKAGE

Type	Volume	Box
RAL 7040	18 kg. set (15 + 3 kg)	1





EPOXY COATING TEXTURIZED (BASE COAT)

Two part, solvent free, epoxy resin based thixotropic coating. Its special formulation provides easy to clean, anti-slip unique texturized finish.

FEATURES

Slip Resistant. Good abrasion resistance. Chemically resistant. Can be subjected to normal up to medium heavy mechanical and chemical loading. Easy and fast application. Easy to clean.

APPLICATION AREAS

Slip resistant coating for concrete and cement screeds. Seal coat for broadcast coatings. Industrial floors, storage areas and loading stations. For production areas, storage and assembly areas or exhibition areas etc.. Parking lots and service areas.

TECHNICAL FEATURES

	METOD	DATAS
Mix Ratio	-	7:1
Density (Component A)	ASTM D2196-99	1,89 g/cm ³ (23°C)
Density (Component B)	EN ISO 2811-1	1,05 g/cm ³ (23°C)
Density (Mixture)	EN ISO 2811-1	1,73 g/cm ³ (23°C)
Pot Life	INTERNAL	50 min. (23°C 50% R.H.)
Tack Free Time	INTERNAL	4 hours (23°C 50% R.H.)
Foot Traffic Time	INTERNAL	24 hours (23°C 50% R.H.)
Full Cure Time	INTERNAL	7 days (23 °C 50% R.H.)
Shore D Hardness	ASTM D2240	80 (After 7 days)
Adhesion strength	ASTM D 4541	>3 N/mm ² (concrete)
Compression strength	EN 196-1	>60 N/mm ²
Application Temperature	-	+10°C-35°C



PACKAGE

Type	Volume	Box
RAL 7040	24 kg. set (21 + 3kg)	1



EPOXY COATING SELF LEVELING (TOP COAT)

Two component, solvent free, self-leveling, high build epoxy top coat. Because of UV resistance and high gloss retention properties it is ideal for outdoor applications.

FEATURES

Solvent free, 100% solid. Attractive, high gloss, reflective coating. High impact resistance. Durable, impermeable and seamless. Excellent chemical resistance. Excellent mechanical properties; high tensile and tear strength, abrasion resistance.

APPLICATION AREAS

Typical applications may include:
Production rooms, offices and even pharmaceutical laboratories. Laboratories. Museums and galleries. Animal shelters and veterinary clinics.

TECHNICAL FEATURES

	METOD	DATAS
Mix Ratio	-	4:1
Viscosity (Mixture)	ASTM D2196-99	1200-1800 cps Density
(Component A)	EN ISO 2811-1	1,70 g/cm ³ (25°C)
Density (Component B)	EN ISO 2811-1	1,02 g/cm ³ (25°C)
Density (Mixture)	EN ISO 2811-1	1,53 g/cm ³ (25°C)
Pot Life	INTERNAL	1 hour (23 °C 50% R.H.)
Tack Free Time 23°C	INTERNAL	4 hours (23 °C 50% R.H.)
Light Traffic	INTERNAL	24 hours(23 °C 50% R.H.)
Heavy Traffic	INTERNAL	7 days (23 °C 50% R.H.)
Shore D Hardness	ASTM D2240	80 (After 7 days)
Adhesion strength	ASTM D4541	>3 N/mm ² (Concrete)
Shrinkage	INTERNAL	0%
Application Temperature	-	+10 °C +35 °C



PACKAGE

Type	Volume	Box
RAL 7040	15 kg. set (12+3 kg)	1



EPOXY COATING SELF LEVELING (TOP COAT)

Two component, solvent free, self leveling, epoxy coating designed for high build decorative coatings and decorative quartz/flake applications. Ideal as a clear top coat over decorative quartz or vinyl flake floor broad cast systems.

FEATURES

Solvent free, 100% solid. Attractive, high gloss, reflective coating. High impact resistance. Durable, impermeable and seamless. Excellent mechanical properties.

APPLICATION AREAS

Typical applications may include:
Offices and laboratories. Museums and galleries. Auto dealerships. 3D decorative applications.

TECHNICAL FEATURES

	METOD	DATAS
Mix Ratio	-	2:1
Viscosity (Mixture)	ASTM D2196-99	700 cps
Density (Component A)	EN ISO 2811-1	1,1 g/cm ³ (25°C)
Density (Component B)	EN ISO 2811-1	1,02 g/cm ³ (25°C)
Density (Mixture)	EN ISO 2811-1	1,08 g/cm ³ (25°C)
Pot Life	INTERNAL	45 min. (23°C 50% R.H.)
Tack Free Time	INTERNAL	4 hours (23°C 50% R.H.)
Light Traffic Time	INTERNAL	24 hours (23°C 50% R.H.)
Full Cure Time	INTERNAL	7 days (23°C 50% R.H.)
Shore D Hardness	ASTM D2240	80 (After 7 days)
Shrinkage	INTERNAL	0 %
Adhesion strength	ASTM D4541	>3N/mm ² (Concrete)
UV Resistance	ASTM G23	Color stable, no crack or blister (1000 hr)
Application Temperature	-	10°C +35°C

PACKAGE

Type	Volume	Box
Transparent	15 kg. set (10 + 5 kg)	1





2K SPRAY FOAM

2K polyurethane foam system which is designed for spray applications. The material must be applied with a high pressure plural component spray polyurethane machine. Mobile application of system has advantages in construction site and high building applications. Because of spray and on-site application, it takes the shape of the surface and because of that property it can be applied any type of area and surface.

FEATURES

Its main application areas are; poultry farms, cold storage tanks, terraces, roofs, basement ground floors, ceilings, external walls insulation, ground insulation.

APPLICATION AREAS

Generally application is done with 25-50 kg/m³ density polyurethane systems. Since it prevents bacteria growth and it is approved for food contact, specially can be applied for food storage tank insulation and animal shelters. Based on DIN 4102-1 standard can be classified as B2 fire resistance class.



TECHNICAL FEATURES

CHEMICAL- PHYSICAL CHARACTERISTICS

	Unit	Polyol Blend	Isocyanate
OH Value	MgKOH/g	260-280	
NCO Content	%		30-31
Viscosity (25 °C)	mPa.s	220-260	220-250
Specific Gravity (20°C)	g/ml	1,12	1,23

TEST VALUES

	Weight Ratio	Volumetric ratio
Polyol blend	100	100
Isocyanate	110	100
	Unit of Meas.	Value
Cream time	sec.	3-4
Gel Time	sec.	6-8
Tack Free Time	sec.	8-10
Density	kg/m ³	29-31

PACKAGE

Stock Code	Type	Volume	Box
RFSP215220	Yellowish	470 kg set (250+220kg)	1
RFSP225220	Yellowish	470 kg set (250+220kg)	1
RFSP230220	Yellowish	470 kg set (250+220kg)	1
RFSP235220	Yellowish	470 kg set (250+220kg)	1
RFSP240220	Yellowish	470 kg set (250+220kg)	1

STRONG BRAND SUPPORT

Sector' most experienced
team is here to make you and
your brands stronger.





AEROSOL

PRODUCTS



CORROSION INHIBITOR, LUBRICANT AND MULTI PURPOSE PROTECTOR SPRAY

It's special formula combines many properties such as cleaning, lubricating, loosening rusted part, driving out moisture. It can be used in industrial, home and daily labors.

FEATURES

Ultimate penetrating ability. Loosens rusted or corroded bolts, nuts, cables and any other fasteners. Greases and loosens door and window hinges, locks, and other fittings. Decreases frictions and stops squeaks of pedals, chairs, windows, faucets and hinges. Does not contain silicone and any dirt trap additives. Drives the moist out of the surface and dries it out thus provides longtime lubricating effect. Protects metal parts against rust. Provides maintenance by penetrating into surface and protects it against dirt. Dissolves tar, gum, adhesive etc. Permeates into grease and dirt and creates a protective film layer on the surface.

APPLICATION AREAS

In all fittings, door and window mechanisms, locks, handles, hinges. For annulling humidity on metallic surfaces of bikes, motorbikes, small motor vehicles, electronic contacts and other home tools such as drills, jigsaws, etc. For loosening and activating rusted and jammed mechanisms. Can be used as protective on surfaces vulnerable to water and rust. For dissolving adhesive materials like tar, gum, adhesive tapes etc. Can be used for cleaning and maintenance of weapons.



TECHNICAL FEATURES

Form	: Aerosol
Colour	: Yellowish
Water solubility	: Insoluble



PACKAGE

Type	Volume	Box
-	200 ML	24/96
-	400 ml	24/48



ELECTRICAL CONTACT CLEANER

A product designed to remove flux and other surface contaminants. The product evaporates quickly from the surface without leaving any residueBut protective layer. It is designed for cleaning grease, dirt etc. from electric, electronic equipment.

FEATURES

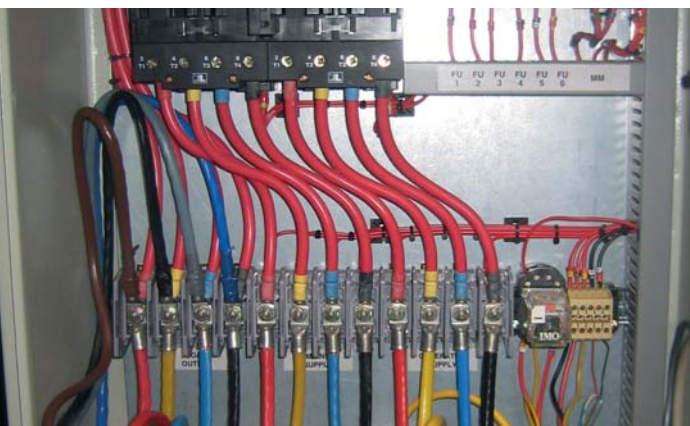
Fast cleaning action for removal of flux traces, light oils, finger prints and other contaminants. Periodic planned application prolongs the life expectancy of components. Non-conductive and non-corrosive. Evaporates completely, with a very thin protective layer. Safe for all metal surfaces, most rubbers, plastics and coatings. It is recommended to be tested on sensitive plastics, adhesive-mounted or stressed parts. Convenient to use 360° (upside-down).

APPLICATION AREAS

Calculators. Computers. Digital Equipment. Electronic Ignitions. Navigation. Equipment. Printed Circuits. Radars. Radios. Switches and Relays. Circuit breakers. Alarm and signal systems. Terminals. Plugs and sockets.

TECHNICAL FEATURES

Form	: Aerosol
Appearance	: Clear colorless liquid
Specific gravity	: 0,802
Color	: Colorless
Odor	: Solvent



PACKAGE

Type	Volume	Box
-	400 ML	12



PENETRATING OIL SPRAY

High performance penetrating oil enriched with MoS₂.

FEATURES

Excellent penetrating capability. Penetrates into hard-to-reach areas quickly. Loosen rusted parts and form a protective layer between metal surfaces. Diminish friction. Remove water and protects against moisture. Protects metal parts and surfaces from corrosion. Eases quick disassembly of mechanical components, fittings, assemblies, nuts and bolts and other close tolerance fasteners. Leaves a solid lubricating MoS₂ film. Reduces wear and facilitates future disassembly. MoS₂ reduces friction even elevated temperatures.

APPLICATION AREAS

Seized and rusted nuts and bolts. Locks and hinges. Screwed parts. Equipment disassembly. Corroded fasteners. Valves. Air tools. Chains and conveyors. Agricultural equipment.

TECHNICAL FEATURES

Basis	: Solvent and oil mixture with MoS ₂
Appearance	: Black colored liquid
Specific gravity	: 0,77±0,03 gr/cm ³
Odor	: Characteristic

PACKAGE

Type	Volume	Box
-	200 ML	24
	400 ml	12





SILICONE LUBRICANT

Silicone based mould release agent. It shows perfect performance even at very high temperatures.

FEATURES

Due to its silicone content, provides long working life at high temperatures. Lubricates to reduce friction and eliminate squeaks in all, types of mechanical parts. The product repels water, protects and renews rubber surfaces. Anti-static and anti-corrosive. Does not leave residues. Insoluble in water. Non-toxic.

APPLICATION AREAS

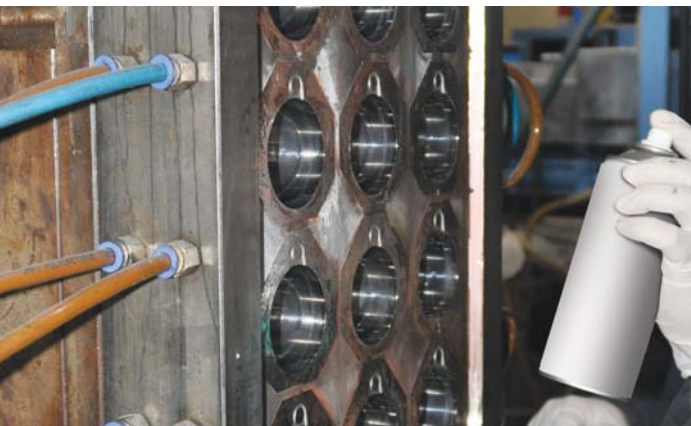
As a cleaner and mould release agent in textile, plastic and rubber industries. Windshield wiper linkage. Interior hinges, slides or springs. Snow blower chutes.

TECHNICAL FEATURES

Form	: Aerosol
Appearance	: Transparent
Specific gravity	: 0,98 gr/cm ³
Odor	: Characteristic
Flash Point	: N/A

PACKAGE

Volume	Box
400 ML	12





ANTI SPATTER SPRAY

Aerosol product that protects materials and surfaces in welding area against particles spattering during welding process. It ensures a perfect welding operation.

FEATURES

Anti-adhesion product for arc welding. Prevents the adhesion of “projections” on all treated surfaces. Suitable for protecting nozzles, weld units and tools. Non flammable after evaporation of the solvent.

APPLICATION AREAS

Nozzles and shrouds. Torches. Workpieces and parts. Jigs. Automatic and semi-automatic welding. Welding robots.

TECHNICAL FEATURES

Form	: Aerosol
Appearance	: Transparent
Specific gravity	: 0,98 gr/cm ³
Odor	: Characteristic
Flash Point	: N/A

PACKAGE

Volume	Box
400 ML	12





ZINC SPRAY

Suitable for use on wood, metal, eternite, aluminum, cardboard, paper, glass, stone, porcelain and most plastics. It can be used on all iron surfaces such as exhausts, heating pipes, iron railings, fences. Also suitable for retouching damaged aluminum or galvanized surfaces. It is also used as an excellent corrosion protector for metal surfaces and iron surfaces.

FEATURES

It has a high level of nitro-combination quality. Provides excellent adhesion strength on many surfaces. The resin contains 99% zinc. It has a very good coating feature. Suitable for outdoor and indoor applications. Resistant to weather conditions, light and UV rays. It is resistant to scratches, shock and impact. Resistant to engine oil and dilute cleaners.

APPLICATION AREAS

The surface must be clean, dry and free from dust and oil. Old paint residues and rust should be cleaned. If necessary, sand and apply primer. Let it dry for 1-2 hours. Apply the plastic primer on the plastic parts. Shake the can for 3 minutes before use. The painting process should be done at 25°C, from a distance of 25 cm and in thin layers. After the painting process is finished, the can should be turned upside down and the actuator should be pressed until clean gas comes out. Otherwise, the paint remaining in the valve will freeze and cannot be reused. Do not apply on synthetic paints.

TECHNICAL FEATURES

Form	:Liquid aerosol
Appearance	:Base Lubricant
Color	:Brown
Specific gravity	:0,896 gr/cm ³ ±0,02
Odor	:Hydrocarbon Solvent
Flash Point	:>200°C

PACKAGE

Type	Volume	Box
Aerosol	400 ml	24
Aerosol	500 ml	24





LIQUID GREASE

Multi-purpose sprayable lubricant grease designed with excellent adhesion, compressive strength and anti-wear properties.

FEATURES

Excellent and permanent lubrication. Excellent adhesion. Rust prevention. Water resistant. Vibrating parts lubricating. Silicone and acid-free. Ability to lubricate difficult to reach areas. Provides superior lubrication with wear, anti-friction and protection additives.

APPLICATION AREAS

Especially at forklift chains, motorcycle chains, open gears, chain and wire ropes, moving parts, mechanical parts in need of open use and lubrication. Relays, bearings, ball bearings, auto door hinges, clutch and brake bars, motor vehicles, garden and agricultural tools. At industrial and maritime applications.

TECHNICAL FEATURES

Parameter	:Value
Color	:Yellowish
Density	:0,829 g/cm ³
Flammability Temperature	:>200°C
Odor	:Characteristic

PACKAGE

Type	Volume	Box
Aerosol	500 ML	24





CHAIN LUBE

Long-term lubrication thanks to its content that has a strong adhesion feature that can easily penetrate the surfaces it is applied to.

FEATURES

Perfect and Permanent Lubrication. Perfect Adhesion. Rust Prevention. Water resistance. Lubrication of parts exposed to vibration. Does not contain silicone and acid. Ability to reach and lubricate places that are difficult to crawl. Providing superior lubrication with anti-wear, anti-friction and protection additives.

APPLICATION AREAS

Forklift chains, conveyors, cranes, open working gears, chain and wire ropes, moving parts. Mechanical parts that work in open environment and need lubrication. Relays, ball bearings, bearings and bearings. Car door hinges, reverse gear levers, axle connections, gear, clutch and brake rods. Used in industry, marine, motor vehicles and garden and agricultural tools.

TECHNICAL FEATURES

Form	:Liquid aerosol
Appearance	:Base Lubricant
Color	:Brown
Specific gravity	:0,896 gr/cm ³ ±0,02
Odor	:Hydrocarbon Solvent
Flash Point	:>200°C

PACKAGE

Type	Volume	Box
Aerosol	400 ml	24
Aerosol	500 ml	24



AUTOMOTIVE
REPAIR, CARE, PROTECTIVE
PRODUCTS



WINDSHIELD ADHESIVE AST POLYMER

Provides quick drive-away time and easy application without pre-heating for vehicles. It is an isocyanate-free, thixotropic, high modulus windshield adhesive based on AST Polymer technology.

FEATURES

Flexible, secure sealing of vehicle windshields. Primerless application. Eco-friendly, free from isocyanate, solvent, acids and halogens. Very low VOC content. High and quick initial adhesion. One component, easy to apply, without the need of pre-heating. Fast curing, low odor, high modulus and non-sag properties.

APPLICATION AREAS

Ideal for glass replacement in automotive repair, such as windshields, rear glass, side glass and other stationary glass. Sealing and bonding of sunroof applications. Suitable for metal, steel, aluminum, glass, copper, zinc and fiberglass.



SHORE **A55**

TECHNICAL FEATURES

Chemical Base	: MS Polymer
Curing System	: Moisture
Density	: 1.49 ± 0.03 gr/ml
Appearance/Color	: Paste, Black
Tack Free	: 15-20 min (23°C and %50 R.H.)
Curing Rate	: Approx. 3,5 mm/ 24 hr (23°C and %50 R.H.)
Sagging (ISO 7390)	: 0 mm
Shore A Hardness (ISO 868)	: 55 ±5
Elongation at Break % (ISO 37)	: ≥ % 300 Volume Loss : < -%3 (23°C and %50 R.H.)
Tensile Strength (ISO 37)	: Min. 3,5 N/mm²
Heat Resistance	: -40°C and +90°C
Application Temperature	: +5°C and +40°C



PACKAGE

Type	Volume	Box
Black	290 ml	12
Black	600 ml	12

CERTIFICATES



"Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168."



PU WINDSHIELD

PU WINDSHIELD ADHESIVE

One component, moisture curing polyurethane based adhesive for direct glazing in AUTOMOTIVE GLASS REPLACEMENT.

FEATURES

One component formulation. Good non-sag properties. Short cut-off string. Cold application. Fast curing – Rapid strength development. High mechanical performance. High Modulus. High initial bond strength. Can be overpainted.

APPLICATION AREAS

It is especially useful in bonding windshield glass into automotive frames.

SHORE A55

TECHNICAL FEATURES

BEFORE CURING

Basis	: Polyurethane
Consistency	: Thixotropic
Curing Mechanism	: Moisture Curing
Density	: 1,13±0,03 g/ml
Tack free time	: 50±10 min. (23°C and 50% R.H)
Curing Rate	: Min. 3,5 mm/day (23°C and 50% R.H)
Sagging	: 0 mm (EN ISO 7390)

AFTER CURING

Hardness Shore A	: 55-60 After 28 days
Paintability	: Yes *
Elongation at break	: Min. 300% (ASTM D412)
Tensile Strength	: Min. 4 N/mm ² (ASTM D412)

PACKAGE

Type	Volume	Box
Black	300 ml	12
Black	600 ml	12

CERTIFICATES



"Conforms to the requirements of VOC content specifications in LEED credit EQc4.1
"Low-emitting products" of SCAQMD rule 1168."





PU WINDSHIELD PRIMER

Black primer specifically designed for the ceramic band on vehicle glass. It ensures the complete protection of the adhesive by creating a barrier against harmful UV rays which can lead to the degradation of the adhesive. It is also an adhesion promoter.

FEATURES

One component. Fast drying. Protects urethane from harmful ultraviolet rays. Promotes urethane adhesion to automotive glass.

APPLICATION AREAS

For the treatment of bond faces prior to application of PU Windshield Adhesive. Can also be used as a general purpose primer which is used to promote adhesion to glass.

TECHNICAL FEATURES

Appearance	: Liquid
Colour	: Black
Odour	: Characteristic of solvent
Curing Mechanism	: Moisture-Curing
Specific gravity	: 0,95 gr/cc
Minimum drying time	: 3' at 23°C and 50% r.h
Maximum drying time	: 24h at 23°C and 50% r.h
Application temperature	: +10°C to +35°C



PACKAGE

Type	Volume	Box
Black	250 ml	12
Black	1000 ml	12



FAST CURE PU WINDSHIELD

One component, moisture curing polyurethane based adhesive for direct glazing in AUTOMOTIVE GLASS REPLACEMENT.

FEATURES

One component formulation. Good non-sag properties. Short cut-off string. Cold application. Fast curing - Rapid strength development. High mechanical performance. High Modulus. High initial bond strength. Can be overpainted.

APPLICATION AREAS

It is especially useful in bonding windshield glass into automotive frames.

SHORE **A55**

TECHNICAL FEATURES

BEFORE CURING

Basis	: Polyurethane
Consistency	: Thixotropic
Curing Mechanism	: Moisture Curing
Density	: 1.35 g/ml
Tack free time	: 25±5 min. (23°C and 50% R.H)
Curing Rate	: Min. 3,5 mm/day (23°C and 50% R.H)
Sagging	: 0 mm (EN ISO 7390)

AFTER CURING

Hardness Shore A	: 55-60 After 28 days
Paintability	: Yes *
Elongation at break	: Min. 400% (ASTM D412)
Tensile Strength	: Min. 4.5 N/mm ² (ASTM D412)



PACKAGE

Type	Volume	Box
Black	300 ml	12
Black	600 ml	12

CERTIFICATES



"Conforms to the requirements of VOC content specifications in LEED credit EQc4.1
"Low-emitting products" of SCAQMD rule 1168."



SPRAYABLE SEALANT

Black primer specifically designed for the ceramic band on vehicle glass. It ensures the complete protection of the adhesive by creating a barrier against harmful UV rays which can lead to the degradation of the adhesive. It is also an adhesion promoter.

FEATURES

Remains flexible without bubbling, shrinking or cracking. Excellent adhesion to metals, primers and top coats. Resistant to ageing, moisture, weathering and UV. Spotweldable if not cured. Does not require preheating. Good mechanical properties. Non corrosive towards metals. Free of isocyanate and silicone. Good paint compability. Optimal working time. Direct to metal. Sag resistant.

APPLICATION AREAS

Suitable for direct spray applications as surface adhesive or for beading applications as seam adhesive and sealant. Sealing of welded and overlap seams in the construction and automotive industry. Elastic bonding between metal, plastic, glass and other materials. For coating inside car wings, boots and bonnets and even as underbody coating. For prevent corrosion and damp acoustic vibrations as well as mechanical damages.

TECHNICAL FEATURES

Chemical Base	: Hybrid AST Polymer
Curing System	: Moisture
Density	: 1,36±0.03 gr/ml
Tack Free	: 25 ±5 min (23°C and %50 R.H)
Curing Rate	: ~ 2,75 mm / 24 h (23°C and %50 R.H)
Shore A Hardness	: 55 ±5
Elongation at Break %	: ≥ 200 (ISO 37)
Volume Loss	: < %3
Tensile Strength	: ≥ 2,00 N/mm ² (ISO 37)
Heat Resistance	: -40 °C in +100 °C
Application Temperature	: +5 °C in +40 °C

PACKAGE

Type	Volume	Box
Grey / Beige / Black / White	290 ml	12
Grey / Beige / Black / White	600 ml	12





GASKET MAKER RTV SILICONE

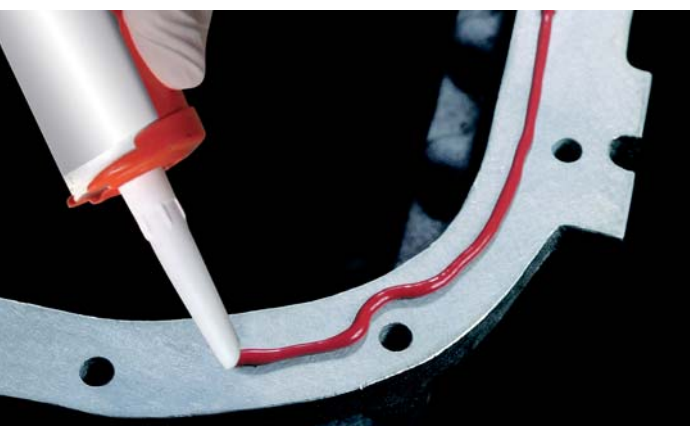
High-performance silicone sealant developed for sealing, bonding and repairing works where heat resistance is required. It is an ideal sealant for high temperature construction applications. It reacts with atmospheric moisture to produce a tough, elastic silicone.

FEATURES

Excellent heat resistance after curing up to 250 °C permanently and up to 300 °C temporarily. Acetoxy cure, RTV silicone. 100% silicone. Fast cure, high strength. Resists to mechanical enforcement after curing. Remains flexible at low (-40 °C) and high (+250 °C) temperatures. Will not crack, shrink or become brittle. One component. Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168.

APPLICATION AREAS

Sealing and bonding applications in automotives. On heating systems and ovens for sealing/ tightness. Sealing and bonding in stoves. In heating devices. Gaskets in pumps and motors. In sealing chimneys. Other bonding and sealing applications where parts must perform at high temperatures.



TECHNICAL FEATURES

Basis	: Silicone Polymer
Curing System	: Acetoxy
Density	: 1.05± 0.03 g/ml
Hardness Shore A	: 24-30 (after 28 days)
Tensile Strength	: ≥ 1,5 N/mm ² (23°C and 50% R.H) (ASTM D412)
Skin formation	: 7-13 min. (23°C and 50% R.H)
Curing Rate	: Min. 3 mm/day (23°C and 50% R.H)
Elongation At Break	: ≥ 250% (ASTM D412)
Elastic Recovery	: ≥ 60% (ISO 7389)
Sagging	: 0 mm (ISO 7390)
Temperature Resistance	: -40°C to +300°C
Application Temperature	: +5°C to +40°C

PACKAGE

Type	Volume	Box
Red	310 ml	24
Black	310 ml	24
Black	85 gr	20
Red	85 gr	20
Blue	85 gr	20
Grey	85 gr	20
Black	50 gr	24
Red	50 gr	24
Red	80 ml	36
Black	80 ml	36
Grey	80 ml	36





PURE AIR CAR & AIR CONDITIONING SPRAY

Essential oil-flavored cleaning and disinfection product designed for use in vehicles and air conditioning systems, which eliminates odors caused by bacteria, fungi, cigarettes and microbes with fast and efficient absorption, preventing allergic reactions.

FEATURES

Eliminates unpleasant odors that may be caused by bacteria and fungi in the ventilation ducts of air conditioning units and in vehicle interiors. Completely disinfects the air conditioning system starting from the radiator inlet and eliminates all odors. Provides a pleasant and fresh scent for a long time. Has a disinfecting feature. Prevents allergic reactions. The product in aerosol form is extremely easy to use. It offers an effective, practical and reliable cleaning method for vehicle air conditioners with the volatile gas method without injecting any liquid or foam into the air conditioning system.

APPLICATION AREAS

Suitable for use in all vehicles with air conditioning or ventilation systems.

TECHNICAL FEATURES

Form	:Liquid aerosol
Appearance	:Transparent
Solvent	:Isopropylalcohol
Specific gravity	:0,62 ± 0,02 gr/cm ³
Odor	:Apple, Lemon, Pine, Potari, Lavender, Floral, Ocean, Mango, Exotic, Jasmine,
Flash Point	:N/A
Flammability	:It is extremely flammable. Vapors are harmful and Flammable.

PACKAGE

Volume	Box
150 ml	24
200 ml	12 & 24





CARB & CHOKE CLEANER SPRAY

Product especially developed for improving carburetor performance without disassembling. Designed for cleaning visible carburetor and choke deposits such as sludge, gum and varnish.

FEATURES

Maximizes carburetor and fuel system performance to ensure maximum fuel economy. Ideal for all kind of automobile, truck and marine engines. Doesn't leave sticky residue. Effectively cleans clay, gum and varnish. Especially developed for improving carburetor performance without disassembling. Doesn't harm oxygen sensors or catalytic converters. Doesn't contain any harmful gas to the ozone layer. The aerosol can be used at 360 degrees and provides a powerful cleaning feature and offers the advantage of easily cleaning the carburetor and throttle.

APPLICATION AREAS

Gasoline and fuel-injection engine, Carburetor visible parts, Heat Risers, Throttle and choke, Positive Crankcase Ventilating System, Automatic Chokes, Exhaust Gas Recycling Valve (EGR), Crankcase Breather Element, Cleaning intake air valves and idle valves, General Purpose Cleaner For Non-Painted Surfaces.

TECHNICAL FEATURES

Form	: Aerosol
Color	: Colorless Liquid
Specific Gravity	: 0,824 gr/ml
Odor	: Solvent
Shelf Life	: 24 months

PACKAGE

Type	Volume	Box
-	500 ml	12





BRAKE AND CLUTCH CLEANER

Powerful cleaning aerosol is used to remove oil, grease, dirt and dust from brakes and clutches, aiding in the elimination of brake squeal and clutch slip caused by glazing and contamination. Brake cleaner helps brakes last longer and perform better.

FEATURES

Effectively removes the deposits like leaking brake fluid, grease, oil and hardened contaminations. Eliminates dust from brake and clutch parts. Reduces disc-brake squeal and clutch chatter. Can be applied without disassembly, saving time and reducing maintenance costs. Evaporates quickly. Leaves no residue. Excellent penetration. Stable, non-staining and non-corrosive to metals. Aerosol is equipped with a 360° (upside-down) spray valve and extension tube for added convenience.

APPLICATION AREAS

Perfect for cleaning and degreasing:

- Brake linings
- Cylinders
- Disc brake pads
- Wedge brakes
- Calipers
- Drums
- Brake shoes
- Discs
- Springs
- Clutch discs



TECHNICAL FEATURES

Form	: Liquid aerosol
Appearance	: Transparent
Specific gravity	: 0,72±0,02 gr/cm ³
Odor	: Characteristic
Flash Point	: N/A

PACKAGE

Type	Volume	Box
-	500 ml	12
-	30L	1



TYRE REPAIR KIT

Eliminates the need for an immediate tyre change, sealing and inflating your tyre within seconds.

FEATURES

No need for lifting- jack or any other tools. Finds the hole in the tyre and seals it. Water based. Can be cleaned easily with the water after application. Does not harm the tyre valve. Instantly repairs punctured tyres, without removing the wheel. Inflates the tyre (up to a pressure of 1,2 to 2,5 bar), so the vehicle can be ride after the application at a moderate speed. Harmless to tyres and wheels.

APPLICATION AREAS

For cars, motorcycles, caravans and trailers. For tubeless tyres or tyres with inner tubes.

TECHNICAL FEATURES

Form	: Aerosol
Appearance	: Transparent
Specific gravity	: 1 gr/cm ³
Odor	: Characteristic
Flash Point	: N/A
Solid content	: %50

PACKAGE

Type	Volume	Box
Aluminium Tube	300 ml	24





TYRE CLEANER & POLISH FOAM

Specially developed for cleaning, treating and protecting tyres as well as enhancing their appearance in one process. Enhances the appearance of weathered tires by restoring the rubber surface

FEATURES

Easy to use. Does not contain flammable solvents. Non-acid formula. Self-acting foam removes residues and dirt. Makes tires look like new. Cleans and cares.

APPLICATION AREAS

Suitable to use on all kind of vehicle tires like bicycles, motorcycles, automobiles, minibuses, buses, trucks, lorries etc.

TECHNICAL FEATURES

Form	: Aerosol liquid
Appearance	: White Foam
Density at 20°C	: 0,928 g/cm ³
Odor	: Characteristic
pH	: 8-9
Shelf Life (20°C)	: 24 months



PACKAGE

Type	Volume	Box
-	500 ml	12



ENGINE CLEANER

Excellent product developed against engine oil, grease and stubborn dirt.

FEATURES

It doesn't damage any parts in engine. Provides a brilliant view and protection to the engine besides the cleaning. Thanks to its superior content, it offers to penetrate and remove the stubborn dirt, oil and grease on the engine. Contains ozone-friendly propellants that do not harm the environment. Harmless for electronic circuits. It easily reaches, penetrates and cleans the most difficult areas. Does not damage rubber, plastic and painted surfaces. Does not contain silicone. It contains citrus essences.

APPLICATION AREAS

Car Engines, Motorcycles, Machines, It is suitable for all types of engines, such as lawn mowers.

TECHNICAL FEATURES

Form	: Aerosol
Color	: Clear
Odor	: Light citrus
Specific Gravity	: 0,758 g/cm ³



PACKAGE

Type	Volume	Box
-	400 ml	-



ANTI GRAVEL CAR UNDERBODY PROTECTION SPRAY

A modified alkyd resin-based surface protectant, especially developed for the protection of areas where automobiles and commercial vehicles can be exposed to various impacts such as stone bumps.

FEATURES

Creates a hard, textured surface that prevents chips and abrasions from stones and impurities. Compatible with OEM textures. Very high wear resistance. Suitable for oven drying. Easy sanding after drying.

APPLICATION AREAS

Can be applied on steel, aluminum, galvanized surfaces, stainless steel, plastic and epoxy coated surfaces. Protecting the wheel wells, rocker panels and undercarriage from inevitable wear and keeping the original appearance.

TECHNICAL FEATURES

Chemical Structure	: Modified Alkyd Resin
Density	: 0,97 g/cm ³
Surface Dry Time	: 1 hour
Color	: Black, White, Grey



PACKAGE

Type	Volume	Box
White	1 kg	6
Black	1 kg	6
Grey	1 kg	6

An abstract, dark gray geometric shape with rounded corners and a circular cutout, set against a white background. The shape is composed of several overlapping rectangular and circular forms, creating a layered, architectural appearance. The text "SPRAY PAINT" is centered within the upper portion of the shape.

SPRAY PAINT



ACRYLIC SPRAY PAINT

Designed for numerous application possibilities. Special spray system, which is even used by famous graffiti artists. Available in a broad range of the best-selling colours, mainly matching to RAL.

FEATURES

High-grade nitro-combi quality. Very good coverage. Excellent adhesion on many surfaces. Good flow, smooth surface. Quick-drying. Suitable for indoor and outdoor applications. The surface is polishable. Weather-resistant, light-proof, UV-resistant. Scratch-, shock- and impact-resistant. Quick-drying (The drying time depends on surrounding temperature, air humidity and thickness of the applied coat).

APPLICATION AREAS

Suitable for wood, metal, paper, glass or paintable hard plastics as well as for many textiles for any variety of designing applications. Also applicable for the designing of finery, concrete and natural stone.

TECHNICAL FEATURES

Basis	: Nitro-combi
Color	: Diverse
Smell	: Solvent
Degree of gloss : Glossy	: 80 gloss units DIN 67530
	Matt: 5-10 gloss units
Efficiency	: 0.8-1.5 m ² * (depending on colour) (400 mL)
Drying time (20 °C and 50% R.H)	: Approx. 10 minutes (Dust-dry) Approx. 15 minutes (Non-sticky) Approx. 30 minutes (Dry to touch) Approx. 2 hours (Cured) Approx. 24 hours (Can be polished)
Temperature resistance	: Up to 80°C

PACKAGE

Type	Volume	Box
Ral 9005 Gloss Black	400 ml	6
Ral 9005 Matte Black	400 ml	6
Ral 9003 Gloss White	400 ml	6
Ral 3020 Gloss Red	400 ml	6
Ral 5017 Gloss Blue	400 ml	6
Ral 7035 Gloss Grey	400 ml	6
Ral 8017 Brown	400 ml	6
Ral 9010 Matte White	400 ml	6
Ral 1003 Gloss Yellow	400 ml	6
Ral 1015 Gloss Cream	400 ml	6
Ral 6016 Gloss Green	400 ml	6
Grey Silver	400 ml	6





METAL MATT EFFECT SPRAY PAINT

Ideal for handicraft works on wood, metal, glass, cardboard and plants. Bronze Spray is particularly suitable for decorative indoor uses and indispensable for stand constructors, decorators, and flower-arrangers. Metal matt spray is also a good choice for handicraft work at home or in courses and seminars.

FEATURES

High-grade synthetic quality. Long-term high coverage and filling power. Excellent adhesion. Good flow, smooth surface. Quick-drying (The drying time depends on surrounding temperature, air humidity and thickness of the applied coat). Suitable for use on indoor objects. Resistant to water and common household cleansers. Effect of gloss can change by intense rubbing or wiping.

APPLICATION AREAS

For handicraft works on wood, metal, glass, cardboard and plants. Suitable for decorative indoor uses.

TECHNICAL FEATURES

Basis	: Synthetic Resin
Color	: Bonze, Gold
Smell	: Solvent
Degree of gloss	: at measurement angle 60° high gloss, not measurable, as over 100 (DIN 67530)
Efficiency	: approx. 1.2 m ² (400 mL)
Drying time (20°C and 50% R.H)	: approx. 10 minutes (Dust-dry) 60 minutes (Dry to touch) approx. 24 hours (Cured)
Temperature resistance	: up to 80°C



PACKAGE

Type	Volume	Box
Gold Effect Matt	400 ml	6
Silver Effect	400 ml	6



METAL GLOSSY EFFECT SPRAY PAINT

Gives a long-term look similar to polished chrome and gold to smooth surfaces. Not weather-resistant. Not resistant to abrasion, therefore not suitable to spray on objects for daily use.

FEATURES

High-grade acrylic quality. Resistant to water and common household cleansers. Effect of gloss can change by intense rubbing or wiping. Colour of contents similar to cap. Very good coverage. Very high gloss. Excellent adhesion. Good flow, smooth surface. Quick-drying (The drying time depends on surrounding temperature, air humidity and thickness of the applied coat).

APPLICATION AREAS

Suitable for all smooth surfaces like metal, wood, glass and many coatable plastics. Indispensable for constructors of fair booths, decorators, florists etc., but also for handicrafts at home, in courses and seminars.

TECHNICAL FEATURES

Basis	: Acrylate copolymeres
Color	: Chrome, Gold
Smell	: Solvent
Degree of gloss	: Not measurable, >100 DIN 67530
Efficiency	: 1.2 m ² * (400 mL)
Drying time (20 °C and 50% R.H)	: Approx. 10 minutes (Dust-dry) 60 minutes (Dry to touch) Approx. 24 hours (Cured)
Temperature resistance	: Up to 80°C

PACKAGE

Type	Volume	Box
Gold Effect	400 ml	6
Chrome Effect	400 ml	6





BUMPER SPRAY PAINT

Scratched and weathered bumpers are a thing of the past. It is used to repair and improve plastic bumpers while still maintaining the original structure. The spray can be directly applied to plastic surfaces without the need to primer and gives synthetic surfaces a silky shine.

FEATURES

Long-lasting shine and colour. Keeps the bumper's original structure. Scratch and shockproof. Easy to use. Fast drying time (The drying time depends on surrounding temperature, air humidity and thickness of the applied coat. Excellent coverage. Excellent adhesion. Suitable for many other synthetic materials.

APPLICATION AREAS

It can be used to repair and improve plastic bumpers while still maintaining the original structure. Suitable for decorative indoor uses. Gives synthetic surfaces a silky shine.

TECHNICAL FEATURES

Basis	: Alkyd resin
Color	: Black
Smell	: Solvent
Degree of gloss	: Satin glossy, 30-35 gloss units DIN 67530
Efficiency	: Approx. 2 bumpers* (400 mL)
Drying time (20 °C and 50% R.H)	: Approx. 20-30 minutes (Dust-dry) 60 minutes (Dry to touch) approx. 24 hours (Over workable)
Temperature resistance	: Up to 110°C



PACKAGE

Type	Volume	Box
Black	400 ml	6



INOX SPRAY PAINT

Designed for all lacquer finishes and repairs in the colour of stainless steel, for colour adaptations in the surrounding field of stainless steel surfaces (test the color!).

FEATURES

High-grade nitro-combi quality. Very good coverage. Excellent adhesion on many surfaces. Good flow, smooth surface. Suitable for indoors and outdoors applications. Weather-resistant, light-proof, UV-resistant. Scratch-, shock- and impact-resistant. Resistant to engine oils, diluted cleansers etc. Quick-drying (The drying time depends on surrounding temperature, air humidity and thickness of the applied coat).

APPLICATION AREAS

For all lacquer finishes and repairs in the colour of stainless steel, for colour adaptations in the surrounding field of stainless steel surfaces (test the color!). Application is possible on the most surfaces e. g. metal, wood, glass, ceramics, paper, stone etc.

TECHNICAL FEATURES

Basis	: Nitro-combi
Color	: Stainless steel silver
Smell	: Solvent
Degree of gloss	: Matt: 5-10 gloss units DIN 67530
Efficiency	: Approx. 1.2 m ² * (400 mL)
Drying time (20 °C and 50% R.H)	: Approx. 10 minutes (Dust-dry)
	: 30 minutes (Dry to touch)
	: Approx. 24 hours (Cured)
Temperature resistance	: Up to 80°C

PACKAGE

Type	Volume	Box
Stainless Steel Silver	400 ml	6





ENAMEL SPRAY PAINT

Designed for quick and easy repair of irritating scratches or similar small damages on white enamel surfaces such as bath-tubs, sinks, toilet bowls, instantaneous water-heaters, and refrigerators.

FEATURES

High-grade acrylic quality. For white glossy enamel surfaces. Hard, durable surface. Very good coverage. Excellent adhesion. Good flow, smooth surface. Scratch-, shock- and impact-resistant. Quick-drying (The drying time depends on surrounding temperature, air humidity and thickness of the applied coat).

APPLICATION AREAS

Suitable for quick and easy repair of irritating scratches or similar small damages on white enamel surfaces such as bath-tubs, sinks, toilet bowls, instantaneous water-heaters, and refrigerators. Not suitable for large-area repairs such as wash-bowls, bathtubs.

TECHNICAL FEATURES

Basis	: Acrylate copolymer
Color	: White
Smell	: Solvent
Degree of gloss	: Glossy, 80-85 gloss units DIN 67530
Efficiency	: Approx. 0.8 m ² * (400 mL)
Drying time (20 °C and 50% R.H.)	: Approx. 5 minutes (Dust-dry)
	: 2 hours (Cured)
	: 48 hours (Resilient)
Temperature resistance	: Up to 80°C

PACKAGE

Type	Volume	Box
White	400 ml	6





PAINT REMOVER

An aerosol stripper which removes paint from most types of surfaces. The convenient aerosol can be easily sprayed to hard to-reach areas and does not drip or run.

FEATURES

Aggressively strips even the toughest paints. Convenient spray is easy to use. Ease of use saves time. No wastage due to accurate spray. Spray gets into hard to reach areas. Clings well to vertical surfaces. Thick formula clings to extend contact time. Easy clean up.

APPLICATION AREAS

Any metallic surface with mild to heavy paint remains. Removes acrylics, epoxies, lacquers, adhesives and most other automotive finishes. Light industrial environments. Should not be used on fiberglass, plastics, styrene related plastics, vinyl, linoleum.



TECHNICAL FEATURES

Form	: Aerosol
Appearance	: Transparent
Specific gravity	: 0,972
Propellant	: Hydrocarbon gr/cm ³
Stripping Time	: Minimum 5 min.

PACKAGE

Type	Volume	Box
-	400 ml	6



ENAMEL SPRAY PAINT

Designed for quick and easy repair of irritating scratches or similar small damages on white enamel surfaces such as bath-tubs, sinks, toilet bowls, instantaneous water-heaters, and refrigerators.

FEATURES

High-grade acrylic quality. For white glossy enamel surfaces. Hard, durable surface. Very good coverage. Excellent adhesion. Good flow, smooth surface. Scratch-, shock- and impact-resistant. Quick-drying (The drying time depends on surrounding temperature, air humidity and thickness of the applied coat).

APPLICATION AREAS

Suitable for quick and easy repair of irritating scratches or similar small damages on white enamel surfaces such as bath-tubs, sinks, toilet bowls, instantaneous water-heaters, and refrigerators. Not suitable for large-area repairs such as wash-bowls, bathtubs.



TECHNICAL FEATURES

Basis	: Acrylate copolymer
Color	: White
Smell	: Solvent
Degree of gloss	: Glossy, 80-85 gloss units DIN 67530
Efficiency	: Approx. 0.8 m ² * (400 mL)
Drying time (20 °C and 50% R.H.)	: Approx. 5 minutes (Dust-dry)
	: 2 hours (Cured)
	: 48 hours (Resilient)
Temperature resistance	: Up to 80°C

PACKAGE

Type	Volume	Box
White	400 ml	6



FLUORESCENT COLORS SPRAY

It is a special spray paint with high visibility in the dark. It is designed for security and decoration works. Can be easily applied to most common surfaces.

FEATURES

Magnificent fluorescence. Very good coverage. Excellent adhesion on many surfaces. Suitable for indoor and outdoor applications. Weather and UV-resistant. Scratch, shock and impact resistant. Quick-drying (The drying time depends on surrounding temperature, air humidity and thickness of the applied coat).

APPLICATION AREAS

Bicycles, helmets, vests, various work clothes, safety and warning signs, marking in construction sites. Suitable for wood, metal, paper, glass, paintable hard plastics, concrete, natural stone as well as for many textiles.



TECHNICAL FEATURES

Form	: Aerosol
Appearance	: Transparent
Specific gravity	: 0,972
Propellant	: Hydrocarbon gr/cm ³
Stripping Time	: Minimum 5 min.

PACKAGE

Type	Volume	Box
Aerosol	400 ml	6



METAL POLISH

Polishes every kind of gold, silver, copper, chrome, brass, bronze, aluminum, platinum from tarnishing and can make a protective film on the surface.

FEATURES

Excellent penetrating capability. Diminish friction. Removes water and protects against moisture. Protects metal parts and surfaces from corrosion.

APPLICATION AREAS

It is well used for cleaning and polishing auto parts, kitchenware, tiles, fiberglass.

TECHNICAL FEATURES

Basis	: Paste
Density	: 1,03± 0.01 g/ml
Color	: Blue
pH	: 10

PACKAGE

Type	Volume	Box
White	50gr	24





INDUSTRIAL WIPES

Industrial strength hand cleaning wipes that are capable of removing oil, grease, paint, ink and adhesives. The textured side of the wipe will gently but efficiently remove all ingrained contamination. The smooth side of the wipe will effectively retain contamination and will prevent re-soiling of the hands. Hands are clean and dry in one application, all without the use of water.

FEATURES

Non-hazardous to user or environment. High absorbency – contamination stays on wipe. Textured material assists cleaning power. Optimum dose of cleaner applied to the wipe. Excellent cleaning power – even on tough contaminants. Convenient, simple and safe to use. Contains Aloe Vera for moisturizing your skin for protection. Leaves no residue.

APPLICATION AREAS

Industrial wipes removes difficult contaminants, such as adhesive, gasket residue, bitumen, silicone, ink, oil, grease, lubricants and paint from surfaces. Usable on hands.

TECHNICAL FEATURES

Appearance	: Orange textured impregnated wipe
Safety Profile	: Non hazardous
Odor	: Sweet / Citrus aroma
Wipe Size	: 220 X 203 mm

PACKAGE

Type	Volume	Box
20 pcs	-	24
75 pcs	-	-
100 pcs	-	6



One package has **20**PCS
wipes

Cylinder Plastic package **75**PCS

CREAM CLEANER

Solvent free cream cleaner. Remove tough and stubborn stains with this cream cleaner with added micro crystals. A miraculous product.



FEATURES

Clean+ is a solvent free cream cleaner. Remove tough and stubborn stains with this cream cleaner with added micro crystals, the miracle product. Ideal to use for hobs, ovens, pans, barbeques, sinks, sneakers as well as bathroom tiles and baths for a crystal clean surface. The mild abrasive action that effectively removes stubborn and tough stains without damaging the surfaces.

APPLICATION AREAS

Clean+ is a solvent free cream cleaner. Remove tough and stubborn stains with this cream cleaner with added micro crystals, the miracle product. Ideal to use for hobs, ovens, pans, barbeques, sinks, sneakers as well as bathroom tiles and baths for a crystal clean surface. The mild abrasive action that effectively removes stubborn and tough stains without damaging the surfaces.

TECHNICAL FEATURES

Basis	: Paste
Density	: 1,40 gr/cm ³
Color	: Yellow
pH	: 7,5-8
Weight	: 500 g

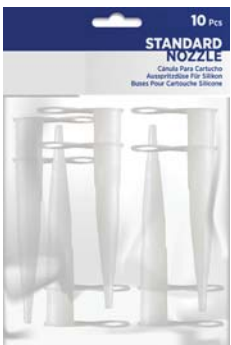
PACKAGE

Type	Volume
Yellow	500gr





Plastic Sealant Nozzle
10 pcs



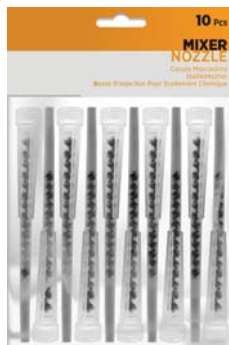
Box
24

Pu Foam Plastic Straw
10 pcs



Box
24

Plastic Chemical
Anchor Mixer 10 pcs



Box
24

Plastic Sausage
Sealant Nozzle 10 pcs



Box
24

Sealant Finishing
Tool Set



Box
96



PRODUCT NAME	TYPE	BOX / PCS
Anti-Slip Tape	25 mm X 5 m	48
Anti-Slip Tape	50 mm x 15 m	24
Acrylic Double Foam Sided Tape	10 mm x 5 m	100
Acrylic Double Foam Sided Tape	15 mm x 5 m	70
Acrylic Double Foam Sided Tape	20 mm x 5 m	60
Acrylic Double Foam Sided Tape	24 mm x 5 m	44
Acrylic Double Foam Sided Tape	30 mm x 5 m	60
Acrylic Double Foam Sided Tape	40 mm x 5 m	30
Acrylic Double Foam Sided Tape	50 mm x 5 m	30
Masking Tape Hot - Melt Glue 50°	18 mm x 25 m	96
Masking Tape Hot - Melt Glue 50°	24 mm x 25 m	72
Masking Tape Hot - Melt Glue 50°	36 mm x 25 m	48
Masking Tape Hot - Melt Glue 50°	48 mm x 25 m	36
Masking Tape Natural Rubber Glue and Semi - Creep Paper 60°	18 mm x 35 m	96
Masking Tape Natural Rubber Glue and Semi - Creep Paper 60°	24 mm x 35 m	72
Masking Tape Natural Rubber Glue and Semi - Creep Paper 60°	36 mm x 35 m	48
Masking Tape Natural Rubber Glue and Semi - Creep Paper 60°	48 mm x 35 m	36
Masking Tape Natural Rubber Glue and Semi - Creep Paper 80°	18 mm x 35 m	96
Masking Tape Natural Rubber Glue and Semi - Creep Paper 80°	24 mm x 35 m	72
Masking Tape Natural Rubber Glue and Semi - Creep Paper 80°	30 mm x 35 m	48
Masking Tape Natural Rubber Glue and Semi - Creep Paper 80°	48 mm x 35 m	36
Duct Tape Grey	48 mm x 40 m	96/6
Duct Tape Black	49 mm x 40 m	96/6
Duct Tape Red	48 mm x 40 m	96/6
Duct Tape Yellow	48 mm x 10 m	96/6
Duct Tape Green	48 mm x 10 m	96/6
Duct Tape Blue	48 mm x 10 m	96/6
Caution Tape	50 mm x 180 m	72
Caution Tape	50 mm x 360 m	24
Caution Tape	70 mm x 180 m	24
Caution Tape	70 mm x 360 m	12
Floor Marking Tape	50 mm x 25 yds	24