AKKiM

SEALANTS & ADHESIVES

YOUR OEM PARTNER

EXPERIENCED, SECURE AND CONFIDENTIAL OEM BRAND MANAGEMENT

www.akkim.net

CONTENTS

Fire Rated Products

Adhesives

Sealants

PU Foams

Coatings

Aerosols

Automotive; Repair, Care, Protective Products

FIRE RATED PRODUCTS

FIRE RATED PU SEALANT

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

FIRE RETARDANT | **PAINTABLE** | **25% MOVEMENT CAPABILITY**

FEATURES

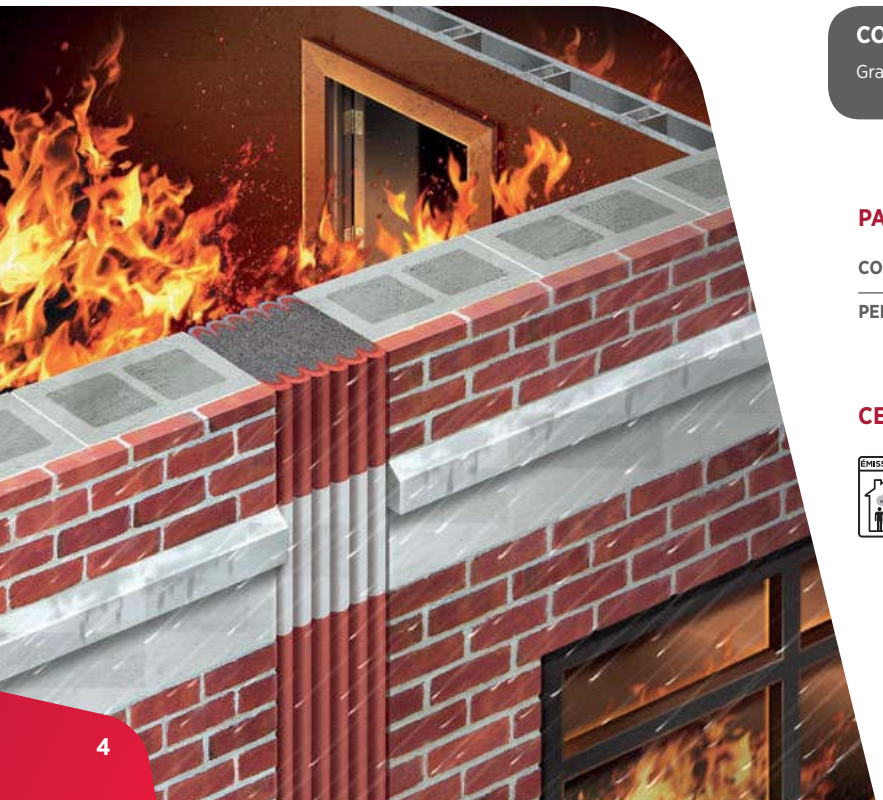
More than 4 hours of fire resistance in certain conditions without using backfilling materials. Possesses permanent elasticity. No sagging – Thixotropic. No surface tackiness after full cure. Do not pick up dirt. No shrinkage. Enhanced storage stability. Can be applied with hand gun and tooled easily. 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)
Paintibility	: 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)



COLORS

Gray, Black, White

PACKAGE

CONTENTS	310 ml	600 ml (Sausage)
PER BOX	12	12

CERTIFICATES

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

M2 Fire Class

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

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.

FIRE RETARDANT | **PAINTABLE** | **INTUMESCENT**

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 ± 0,03 gr/cm3	(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	: ≥ 0,4 N/mm2	(ASTM D 412)
Application Temperature	: +5°C to +40°C	
Volume shrinkage	: %10-15	(ASTM D 412)

COLORS

White

PACKAGE

CONTENTS	310 ml	600 ml (Sausage)
PER BOX	12	12

CERTIFICATES

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

M1 Fire Class

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

www.akkim.net

B1 FIRE RATED PU GUN FOAM

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 235 minutes in certain configurations. High quality PU foam recommended for sealing applications where fire resistance is required. Gun use professional type pu foam features higher yield, easier application and reusability.

FIRE RETARDANT UP TO 235 MIN

EFFICIENT SEAL AGAINST SMOKE AND GAS

GUN TYPE, PROFESSIONAL USE

FEATURES

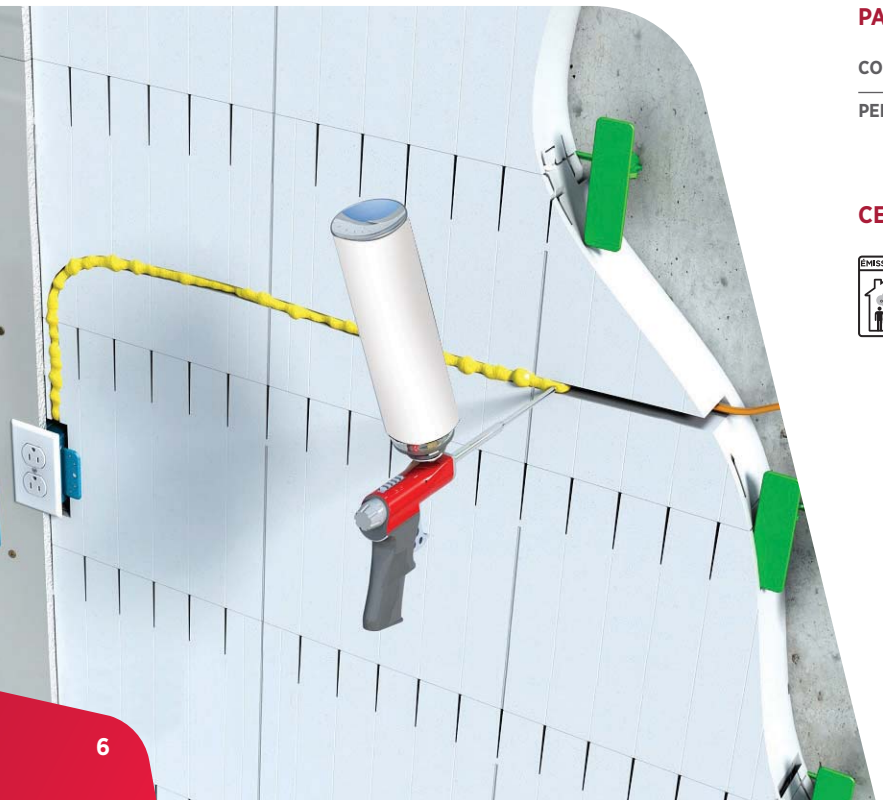
According to EN 1366-4 fire retardant up to 235 min. Efficient seal against smoke and gas. Does not contain CFC's and H-CFC's. Excellent adhesion & filling capacity. Excellent mounting capacity and stability. High yield up to 55 liters depending on temperature and humidity. Excellent adhesion on most 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

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 19±3 Kg/cm³	(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	: Grey	
Yield Volumetric	: ~55L	(ASTM C1536)
Post Expansion	: up to 30%	
Shrinkage	: 0 %	
Fire Class of the Cured Foam	: B1	(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)
Temperature Resistance	: -40°C to +90°C	
Application Temperature	: +5°C to +30°C	
Can temperature	: +5°C to +30°C	



PACKAGE

CONTENTS	Gw. 1000 gr.
PER BOX	12

CERTIFICATES

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

Up to 235 minutes fire resistance according to EN 1366-4

B1 FIRE RATED STRAW PU FOAM

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 235 minutes in certain configurations. High quality PU straw foam recommended for sealing applications where fire resistance is required. It is designed for easy dispensing through the straw adapter included with each can.

FIRE RETARDANT UP TO 235 MIN

EFFICIENT SEAL AGAINST SMOKE AND GAS

EXCELLENT ADHESION & FILLING CAPACITY

FEATURES

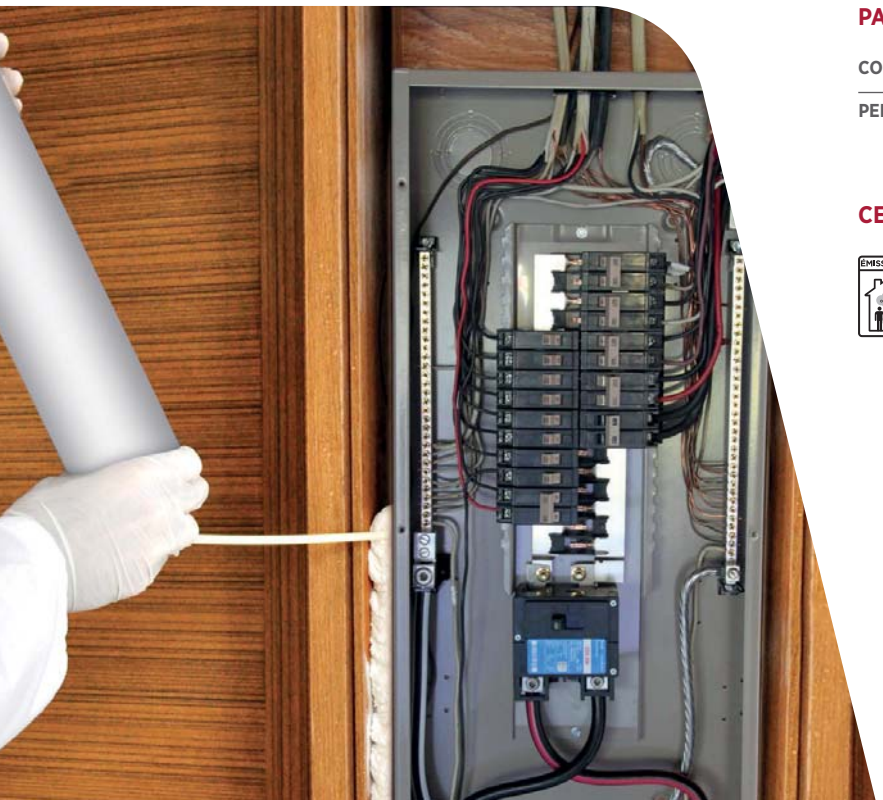
According to EN 1366-4 fire retardant up to 235 min. Efficient seal against smoke and gas. Does not contain CFC's and H-CFC's. Excellent adhesion & filling capacity. Excellent mounting capacity and stability. High yield up to 45 liters depending on temperature and humidity. Excellent adhesion on most 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

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 22±3 Kg/cm^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	: Grey	
Yield Volumetric	: ~55L	(ASTM C1536)
Post Expansion	: 200-250 %	
Shrinkage	: 0%	
Fire Class of the Cured Foam	: B1	(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)
Temperature Resistance	: -40°C to +90°C	
Application Temperature	: +5°C to +30°C	
Can temperature	: +5°C to +30°C	



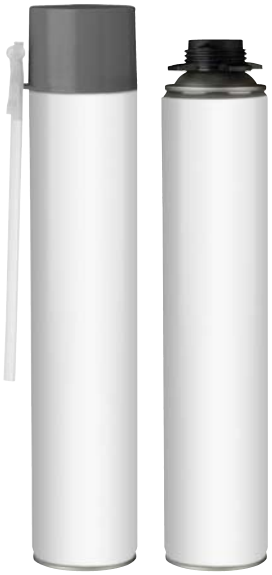
PACKAGE

CONTENTS	Gw. 1000 gr.
PER BOX	12

CERTIFICATES

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

Up to 235 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.

RATED B2 ACCORDING TO DIN 4102

EXCELLENT ADHESION TO MOST BUILDING MATERIALS

VERY GOOD FILLING CAPACITY

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

B2 FIRE RATED PU FOAM STRAW		
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	: 45-5 5 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	

B2 FIRE RATED PU FOAM GUN		
Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 19±3 Kg/ cm3	(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

CONTENTS	Gw. 900 gr.
PER BOX	12

CERTIFICATES

Fire Class

High Filling Capacity

ADHESIVE
PRODUCTS

HIGH TACK MS POLYMER

MS 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.

HIGH INITIAL TACK | **HIGH ADHESIVE STRENGTH** | **ECO FRIENDLY**

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.

TECHNICAL FEATURES

Chemical Base	: MS Polymer
Curing System	: Moisture
Density	: 1.49 ± 0.03 gr/ml
Appearance/Color	: Paste, White, Black or Grey
Tack Free	: 15-20 min (23°Cand %50 R.H.)
Curing Rate	: Approx. 3,5 mm/ 24 hr (23°Cand %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/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 oC and +90 oC
Application Temperature	: +5 oC and +40 oC

PACKAGE

CONTENTS	290ml / 600 ml Sausage
PER BOX	12

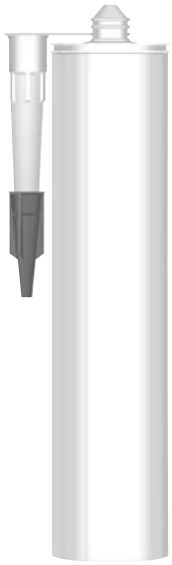
CERTIFICATES

MS POLYMER BY KANEKA

CE
EN 15651-1
EN 15651-2

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

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



FAST&STRONG MS POLYMER

MS 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.

FAST CURING | **HIGH ADHESIVE STRENGTH** | **ECO FRIENDLY**

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.

TECHNICAL FEATURES

Chemical Base	: MS 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/mm2
Shore A Hardness	: 70 ±5
Elongation at Break %	: ≥ % 110
Volume Loss	: < -%3 (23°C and %50 R.H.)
Tensile Strength	: 3,30 N/mm2
Heat Resistance	: -20oC and +80oC
Application Temperature	: +5oC and +35oC

PACKAGE

CONTENTS	290 ml
PER BOX	12

CERTIFICATES

MS POLYMER BY KANEKA

CE
EN 15651-1
EN 15651-2

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

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

CURTAIN RAIL ADHESIVE

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.

HIGH ADHESIVE STRENGTH | **NO MORE NAIL & SCREW** | **FAST AND EASY USING**

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

Chemical Base	: MS Polymer
Curing System	: Moisture
Density	: 1.49 ± 0.03 gr/ml
Appearance/Color	: Paste, White, Black or Grey
Tack Free	: 15-20 min (23°Cand %50 R.H.)
Curing Rate	: Approx. 3,5 mm/ 24 hr (23°Cand %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	: -40oC and +90oC
Application Temperature	: +5oC and +40oC

PACKAGE

CONTENTS	Gw 900g
PER BOX	12

CERTIFICATES

MS POLYMER BY KANEKA

CE
EN 15651-1
EN 15651-2

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

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

PU ADHESIVE 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.

POWERFUL ADHESION | **MORE ECONOMICAL** | **UP TO 9m2**

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. Fire Class: E (According to EN 13501-1. It refers to B2 for DIN 4102). Usable at low temperature 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. 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/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 pink	
Yield Volumetric	: 45-55 L	(ASTM C1536)
Yield	: = ~9 m²	
Elongation at break	: 13,6%	
Fire Class of the Cured Foam	: B2, E	(DIN 4102-1) (EN 13501-1)
Expanding volume (at wall)	: Minimal	
Compression Strength	: 0,03 MPa	(DIN 53421)
Tensile Strength	: 12,1 N/ cm²	
Temperature Resistance	: -40°C to +100°C	
Application Temperature	: 0°C to +30°C	

PACKAGE

CONTENTS	Gw.900g	Gw.570g	Gw.350g
PER BOX	12	12	12

CERTIFICATES

B2

Fire Class

CLASSIFIED C UL US

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

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PU ADHESIVE GUN 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.

POWERFUL ADHESION | **MORE ECONOMICAL** | **UP TO 14m²**

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. Fire Class: E (According to EN 13501-1. It refers to B2 for DIN 4102). Usable at low temperature 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. 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/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 pink	
Shear Strength	: 82 kgf/cm²	
Yield Volumetric	: 45-55 L	(ASTM C1536)
Yield	: Up to 14 m²	
Fire Class of the Cured Foam	: B2, E (DIN 4102-1)	(EN 13501-1)
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

CONTENTS	Gw 900g
PER BOX	12

CERTIFICATES

B2

Fire Class

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.

HIGH YIELD | **POWERFUL ADHESION** | **WEATHER PROOF**

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

CONTENTS	Gw.900g	500ml
PER BOX	12	12

CERTIFICATES

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

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.

POWERFUL ADHESION | **WEATHER RESISTANCE** | **FAST AND EASY APPLICATION**

FEATURES

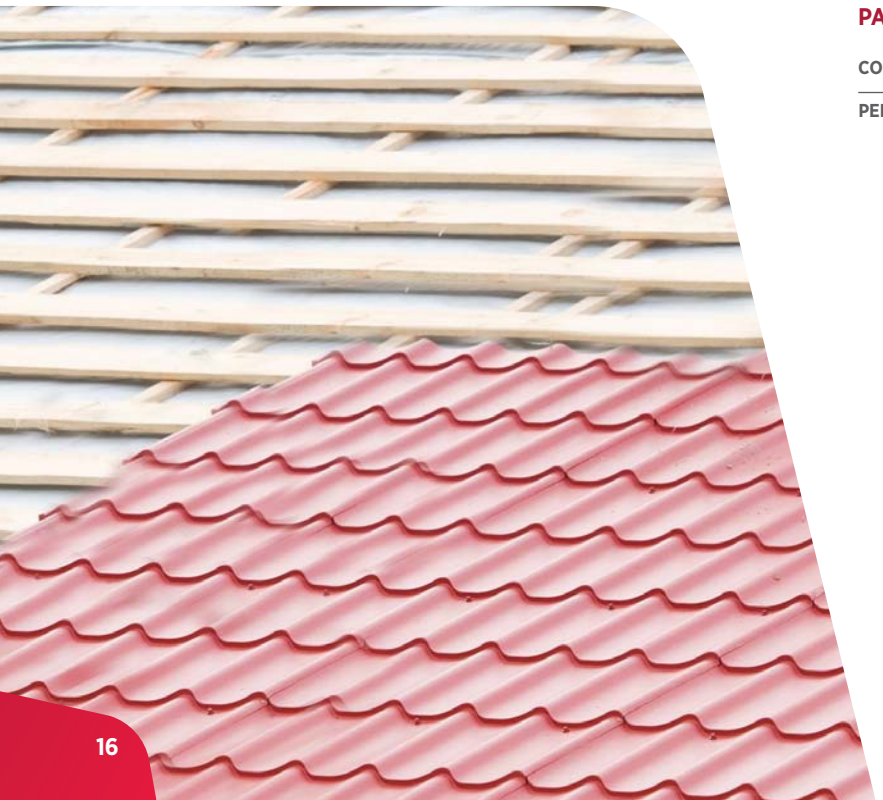
Powerful adhesion of roofing tiles. Instant adhesion and roof fixing within two hours. Exceptional resistance to wear and to the action of the wind. Not form thermal bridges, thanks to the excellent thermal insulation. Thanks to its modern chemical formulation, it is highly thixotropic. More economical. 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. Fire Class: E (According to EN 13501-1. It refers to B2 for DIN 4102). Usable at low temperature like 0 °C. It does not contain any propellant gases which are harmful to the ozone layer.

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/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 pink	
Shear Strength	: 82 kgf/cm²	
Yield volumetric	: 45-55 L	(ASTM C1536)
Yield	: Up to 14 m²	
Fire Class of the Cured Foam	: B2,E (DIN 4102-1) (EN 13501-1)	
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

CONTENTS	Gw 900g	500ml
PER BOX	12	12

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.

HIGH YIELD | **EXTREMELY STRONG BONDING** | **WEATHER RESISTANCE**

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

CONTENTS	750ml	500ml
PER BOX	12	12

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.

BRILLIANTLY HIGH BONDING STRENGTH

D4 CLASS WATER RESISTANCE

CURES FAST AND REQUIRES LOW PRESS TIME

FEATURES

Fast curing. Low press time. Transparent. Exteremely 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 resitance 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	: -20oC to +80°C	
Application Temperature	: +5 oC 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 80oC	: ≈ 100 kgf/cm^2	(WATT 91)

PACKAGE

CONTENTS	310ml	50ml
PER BOX	12	30

CERTIFICATES

D4 DIN EN 204

Waterproof

ift ROSENHEIM

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.

EXCLUSIVELY FOR ALUMINUM CORNER ANGLES

LOW PRESS TIME

EASY TO USE ON BOTH VERTICAL AND HORIZONTAL SURFACES

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/cm²
After 24 hours	: > 80 kgf/cm²

PACKAGE

CONTENTS	310ml
PER BOX	12

CERTIFICATES

D4
DIN EN 204

Waterproof

PU EXPRESS CONSTRUCTION ADHESIVE

A polyurehane 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.

USAGE WITH OR WITHOUT PRESS

SUITABLE FOR WIDE RANGE OF CONSTRUCTION MATERIALS

NOT EFFECTED BY THE HUMIDITY

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

CONTENTS	310ml
PER BOX	12

CERTIFICATES

D4
DIN EN 204

Waterproof

PUR WOOD GLUE

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

MOISTURE CURING SYSTEM | **WELL BOND STRENGTH** | **D4 GRADE WATER RESISTANCE**

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 ± 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

CONTENTS	Gw 650g	Gw 560g	25kg	6kg
PER BOX	12	12	1	1

CERTIFICATES

D4 DIN EN 204

Waterproof

FAST CURE PUR WOOD GLUE D4

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

USAGE WITH OR WITHOUT PRESS

SUITABLE FOR WIDE RANGE OF CONSTRUCTION MATERIALS

NOT EFFECTED BY THE HUMIDITY

FEATURES

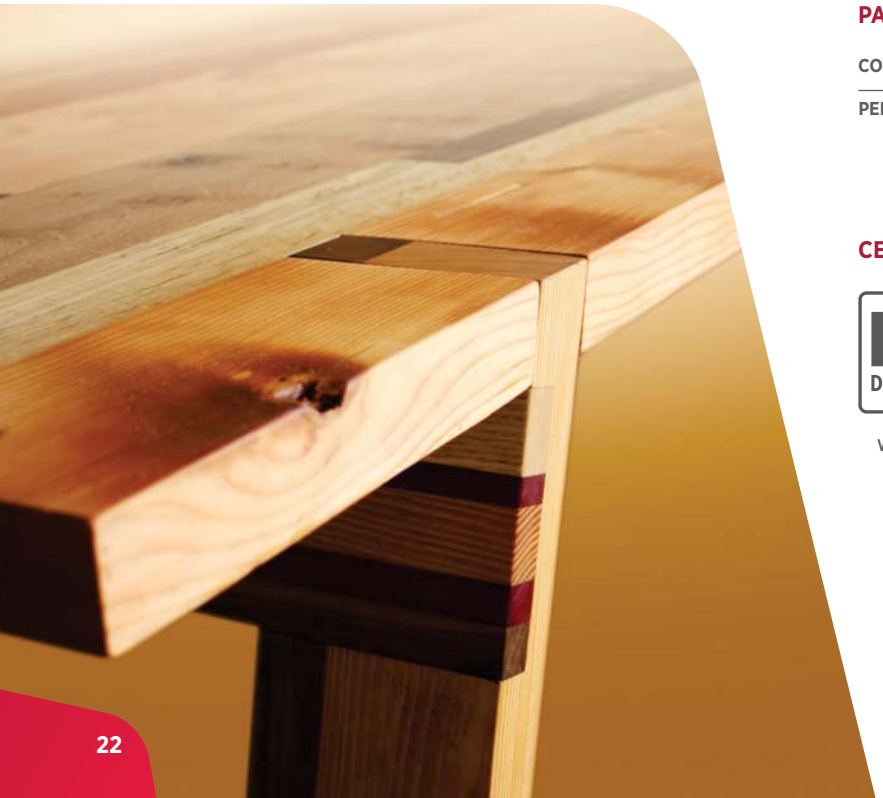
Easy application, low viscosity. High bond stregth. Fast drying. Water resistant (D4-DIN EN 204). Can be used on slightly humid surfaces. Resistant to temperature extremes. Resistant to moisture and chemicals.

APPLICATION AREAS

Fixing and gluing wooden elements to other various porous and non-porous elements as wood, metal, concrete, polystsrene 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 ± 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/m2
Compression time	: At least 15 min*
Water resistant	: Excellent (D4-DIN EN204)
Temperature resistance	:-30 °C to +100 °C
Application Temperature	: +5 oC to +35 oC



PACKAGE

CONTENTS	310ml
PER BOX	12

CERTIFICATES

D4
DIN EN 204

Waterproof

EXPRESS PU WOOD GLUE (TRANSPARENT)

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

MOISTURE CURING SYSTEM | **WELL BOND STRENGTH** | **D4 GRADE WATER RESISTANCE**

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 ± 0.05	(ASTM D1875)
Viscosity	: 3000 ± 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/m²	
Compression time	: At least 15 min*	
Water resistant	: Excellent	(D4-DIN EN204)

PACKAGE

CONTENTS	Gw 650g	25kg
PER BOX	12	12

CERTIFICATES

D4 DIN EN 204

Waterproof

www.akkim.net

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

CONTENTS	8kg	15kg
PER BOX	1	1

CERTIFICATES

AKKİM YAPI KİMYASALLARI SANAYİ ve TİCARET A.Ş.

Z-155.10-471
Emissionsgeprüftes Bauprodukt nach DIBt-Grundsätzen
Emission tested building product according to DIBt principles

ÉMISSIONS DANS L'AIR INTÉRIEUR
A+
A+ A B C

D2 PVA GLUE SUPER FRAME WORK

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

ECO FRIENDLY | **DRIES TRANSPARENT** | **USABLE ON SLIGHTLY MOIST WOOD**

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

CONTENTS	Gw 500g	Gw 1kg	Gw 3kg	Gw 10kg	Gw 30kg	Gw 150gr
PER BOX	12	12	4	1	1	48

D3 PVAc WHITE GLUE SUPER FRAME WORK

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

ECO FRIENDLY

HIGH PERFORMANCE ON HARD AND SOFT WOODS

D3 CLASS WATER RESISTANCE

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 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/cm2
Water resistant class	: D3 (DIN EN204)
Consumption	: 70-130gr/m2

PACKAGE

CONTENTS	Gw 500g	Gw 1kg	Gw 3kg	Gw 10kg	Gw 30kg	Gw 150gr
PER BOX	12	12	4	1	1	48

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.

FOR FIXING SOLID AND HOLLOW STRUCTURES

EASY TO EXTRUDE AND INJECT

CAN BE APPLIED TO BOTH VERTICAL AND HORIZONTAL SURFACES

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.

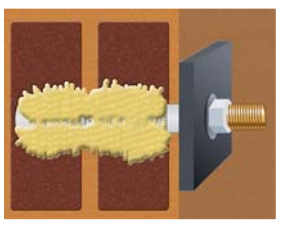
TECHNICAL FEATURES

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

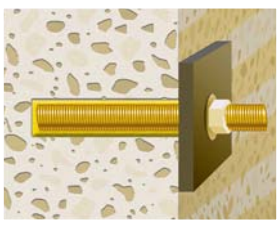
PACKAGE

CONTENTS	345ml	300ml
PER BOX	12	12

CERTIFICATES



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.

HARD FIXING OF RODS AND REINFORCING BARS INTO PLAIN AND HOLLOW STRUCTURES

STYRENE FREE, VERY LOW ODOUR

EASY TO EXTRUDE AND INJECT

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.

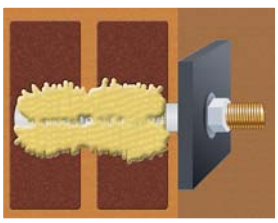
TECHNICAL FEATURES

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

PACKAGE

CONTENTS	345ml	300ml
PER BOX	12	12

CERTIFICATES



Hollow Bricks

Concrete

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.

ECO-FRIENDLY, SOLVENT FREE

PARTICULARLY SUITABLE FOR ROUGH SURFACES

FOR BOTH INDOOR AND OUTDOOR APPLICATIONS

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 ± 0.03 gr/cm3	(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

CONTENTS	310ml	Gw 250gr	Gw 600gr	25kg	80ml
PER BOX	24	36	12	1	36

CERTIFICATES

ECO Friendly

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.

HIGH INITIAL TACK

BEST FOR MOUNTING XPS,EPS AND PLASTERBOARDS

ECO FRIENDLY

FEATURES

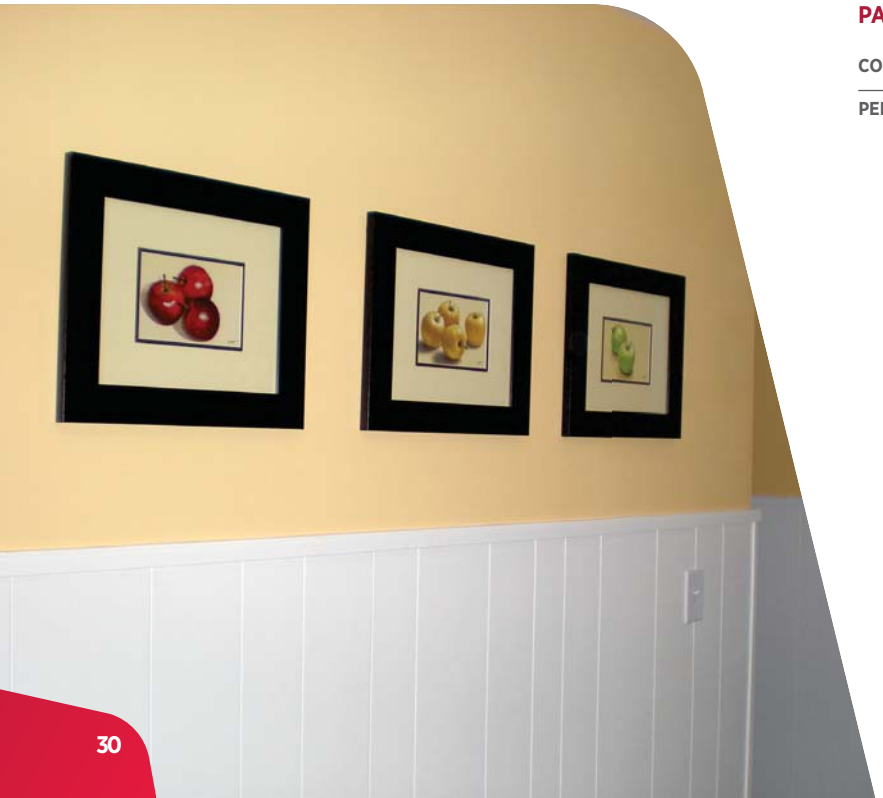
High initial power. Both vertical and horizontal application. Waterborne. No odor & solvent. Paintable.

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 ± 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	: 30 kgf/cm^2	
After 24 hours	: > 60 kgf/cm^2	



PACKAGE

CONTENTS	310ml	Gw. 3kg
PER BOX	24	4

CORNICE ADHESIVE WATER BASED PAINTABLE

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.

UTILIZED IN ASSEMBLY OF THE CORNICE SHEETS

SIGNIFICANT INITIAL ADHESION ABILITY

USABLE ON ROUGH SURFACES

FEATURES

High initial grab. Both vertical and horizontal application. 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

CONTENTS	310ml	600gr	10kg	25kg
PER BOX	24	36	1	1

UNIVERSAL FAST ADHESIVE

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

MIRACULOUSLY FAST BONDING EXPERIENCE

EVEN SUITABLE ON UNEVEN SURFACES

HIGH BONDING POWER

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 Akfix 705 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/cm³	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

CONTENTS	200ml + Gw65gr	400ml + Gw125gr	100 ml + Gw25gr Corton Box	100 ml + Gw25gr Blister
PER BOX	24	24	48	48

www.akfix.com/fastadhesive

SHOE & LEATHER FAST ADHESIVE

Two part special set consist of a high viscosity cyanoacrylate adhesive and activator used especially in shoe repair for bonding leather, rubber and wood.

ESPECIALLY FOR BONDING LEATHER, RUBBER AND WOOD PARTS IN SHOE REPAIR,

INCREDIBLY FAST BONDING OF EVEN POROUS SURFACES

ALSO USABLE IN VERTICAL POSITION

FEATURES

Very fast bonding. High adhesive strength. 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

Repair of the leather, rubber, heel and stout leather parts of the shoe. Perfect company in daily life for bonding leather, rubber and wood.

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

CONTENTS	100 ml + Gw25gr Corton Box
PER BOX	24

SUPER GLUE CYANOACRYLATE

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

EXTRA LOW VISCOSITY

INSTANT ADHESION

HIGH BOND STRENGTH JUST IN SECONDS

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
Appearens	: Liquid gel
Colour	: Colourless
Application Temperature	: +5°C to +30°C
Density	: 1,05 ± 0,01 g/cm3 ASTM D1875
Flashpoint	: >80°C
Viscosity	: 2 - 5 cps ASTM D1084

PACKAGE

CONTENTS	25gr
PER BOX	50/500

DEBONDER GEL

A gel with a relatively low evaporation rate that attacks and dissolves cured or uncured cyanoacrylate adhesive from unwanted areas.

SOFTENS AND DISSOLVES CYANOACYRLATE ADHESIVE

HOLDS ON TO ADHESIVE EVEN ON VERTICAL SURFACES

METHYLENE CHLORIDE FREE

FEATURES

Cyanoacylate glue remover quickly softens and dissolves cured and uncured adhesive from unwanted areas clings well to vertical surfaces. Does not contain any methylene chloride.

APPLICATION AREAS

Used in debonding incorrectly bonded parts or in cleaning adhesive residues from laminated MDF, metal and some plastics and rubber surfaces. Preliminary test is necessery before using on plastics and paints as Debonder-Gel may be incompatible with certain plastic and paints.

TECHNICAL FEATURES

Form	: Gel
Appearance	: Transparent
Specific gravity	: 0,88 gr/cm^3
Odor	: Characteristic

PACKAGE

CONTENTS	50ml
PER BOX	36

DEBONDER SPRAY

An aerosol product with high penetration properties that attacks and dissolves cured or uncured cyanoacrylate adhesive from even most inaccesible surfaces.

SOFTENS AND DISSOLVES CYANOACYRLATE ADHESIVE

HOLDS ON TO ADHESIVE EVEN ON VERTICAL SURFACES

METHYLENE CHLORIDE FREE

FEATURES

Easy spray usage. It can penetrate into even most inaccesible surfaces. Does not contain any methylene chloride.

APPLICATION AREAS

Used in debonding the incorrectly bonded parts or in cleaning adhesive residues from laminated MDF, metal and some plastics and rubber surfaces. Preliminary test is necessery before using on plastics and paints as Debonder-Spray may be incompatible with certain plastic and paints.

TECHNICAL FEATURES

Form	: Aerosol
Appearance	: Clear liquid
Specific gravity	: 0,77 gr/cm^3
Odor	: Characteristic

PACKAGE

CONTENTS	200ml
PER BOX	24

UNIVERSAL CONTACT ADHESIVE TOLUENE FREE

Fast curing, high strength adhesive based on chloroprene rubber.

FAST ADHESION CAPABILITY | **FORMS A RESILIENT BOND** | **MOISTURE TOLERANT**

FEATURES

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

APPLICATION AREAS

It is mainly used in upholstering, 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/cm3	(ASTM D1875)
Viscosity	: 3000-4500 Cps	(ASTM D1084)
Temperature Resistance	: -20°C to +90°C	
Application Temperature	: +5°C to +35°C	

PACKAGE

CONTENTS	50ml	Gw500g	750ml
PER BOX	240	24	24

Frost Resistant

UNIVERSAL CONTACT ADHESIVE

Fast curing, high strength adhesive based on chloroprene rubber.

FAST ADHESION CAPABILITY | **FORMS A RESILIENT BOND** | **MOISTURE TOLERANT**

FEATURES

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

APPLICATION AREAS

It is mainly used in upholstering, 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

CONTENTS	2kg	3.5kg	8kg	15kg
PER BOX	1	1	1	1

Frost Resistant

HOT MELT STICK

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

EASY GUN USE | **ENVIRONMENTALLY FRIENDLY** | **HIGH GREEN STRENGTH**

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/cm³	(ASTM D792)
Thermosel viscosity	: 2250 cPs at 1210	(ASTM D3236)
Open time	: 45 - 50 seconds	
Water resistance	: Excellent	
Application Temperature	: 180- 200°C	

PACKAGE

CONTENTS	1kg
PER BOX	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.

16 BARS PRESSURE RESISTANCE

TEMPERATURE RESISTANCE UP TO 60°C

FORMS A RESISTANT FILM AGAINST BACTERIA

FEATURES

High pressure resistance (16 bars). Water resistant. Chemical resistant especially to inorganic acids. Fast curing, maximum leak protection. Excellent gap-filling proprieties. 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 and thixotropic agents.	: PVC polymer resin, organic solvents
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

CONTENTS	50gr	125gr	250ml	500ml	1000ml
PER BOX	25	50	24	12	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.

EASY GUN USE

ENVIRONMENTALLY FRIENDLY

HIGH GREEN STRENGTH

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

CONTENTS	50gr	125gr	250ml	500ml	1000ml
PER BOX	25	50	24	12	12

CE
EN 14814

GRANITE AND MARBLE ADHESIVE

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

FAST DRYING& EXCELLENT ADHESION

RESISTANT AGAINST ALKALI AND DILUTED ACID SOLUTIONS

BONDED MATERIALS ARE READY TO BE USED AFTER 2 HOURS

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/cm3 at 20°C (Comp. A)
	: 1.80 g/cm3 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

CONTENTS	250gr	500gr	1000gr	1200gr	2.5kg	5kg	25kg
PER BOX	24	12	12	12	12	12	12

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.

FAST CURING (2-3 MINUTES AT 20°C).

EXCELLENT RESISTANCE AGAINST WEARING

HIGH BONDING POWER EVEN IN HIGH TEMPERATURES

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/cm3
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 /mm2
Tensile strength	: 400-500 kgf
Elongation at break	: 4-8 Δ/mm
Mixture time	: ≈ 1 min

PACKAGE

CONTENTS	1000ml
PER BOX	12

CE
EN 14814

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.

BONDS RAPIDLY IN SECONDS | **VERY STRONG BONDING** | **VERTICAL USE**

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/cm³	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

CONTENTS	200ml + Gw65gr	400ml + Gw125gr
PER BOX	24	12

WATERPROOF EPOXY

Fast cure two-component waterproof epoxy adhesive.

20 MINUTES SETTING TIME | **EXCELLENT ADHESION** | **EASY TO USE**

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/cm3)	: 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/cm3)	: 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

CONTENTS	25ml
PER BOX	12

QUICK SETTING EPOXY

Fast cure two-component adhesive based on epoxy.

5 MINUTES SETTING TIME

HIGH SHEAR STRENGTH AND DURABILITY

VERY GOOD ADHESION ON SMOOTH SURFACES

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/cm3)	: 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/cm3)	: 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

CONTENTS	25ml	400ml + Gw125gr
PER BOX	12	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.

5 MINUTES SETTING TIME

EXTREMELY STRONG ADHESION ON METALS

SUITABLE FOR ROUGH AND POORLY FITTING SURFACES

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 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/cm3)	: 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/cm3)	: 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

CONTENTS	25ml	57gr Putty
PER BOX	12	48

WALLPAPER & BORDURE ADHESIVE UNIVERSAL

Cellulose and starch based wallpaper adhesive.

GIVES TIME FOR POSITIONING

QUICK AND EASY FUTURE REMOVAL

CLEANABLE WITH SPONGE AND WATER

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

CONTENTS	500gr	25kg	250gr
PER BOX	24	12	24

HEAVY DUTY WALLPAPER ADHESIVE PREMIUM

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

EASY TO APPLY AND REPOSITION

QUICK AND EASY FUTURE REMOVAL

PROTECTS ITSELF AGAINST MOLD

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 23ºC
	(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

CONTENTS	250gr	500gr	25kg
PER BOX	24	12	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 appliccable, durable and elastic adhesive for various substrates.

HIGH BONDING STRENGTH | **SOLVENT FREE** | **DURABLE**

FEATURES

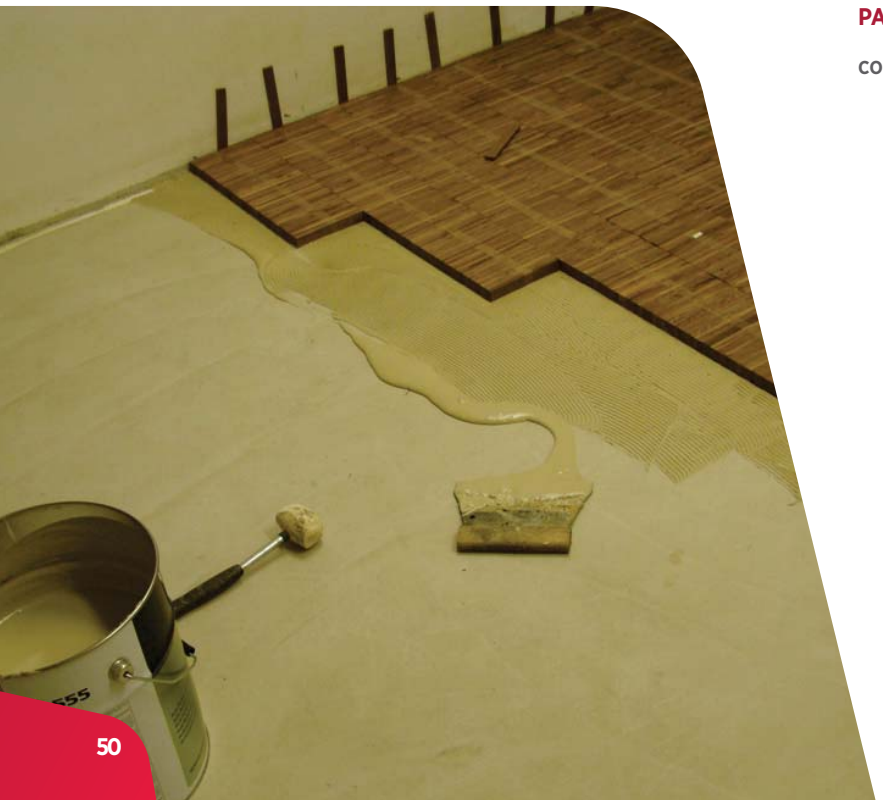
Two component. Excellent bonding to applied surfaces. Suitable for use in adverse weather conditions. Solvent free. No smell. Flexible. Durable.

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
Covarage (kg/m^2)	: 0,9-1.1 (1 mm thickness)



PACKAGE

CONTENTS | 9/1 kg: A Comp.: 18 kg + B Comp.: 2 kg

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 appliccable, durable and elastic adhesive for various substrates.

EXCELLENT BONDING STRENGTH

INTERIOR AND EXTERIOR APPLICATIONS

LONG WORKING AND GEL TIME

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)	: 1,52 (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
Covarage	: (kg/m^2) 0,9-1.1 (1 mm thickness)

PACKAGE

CONTENTS	7/1 kg: A Comp.: 21 kg + B Comp.: 3 kg

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 materails. Suitable for use in adverse weather conditions.

EXCELLENT BONDING STRENGTH

INTERIOR AND EXTERIOR APPLICATIONS

LONG WORKING AND GEL TIME

FEATURES

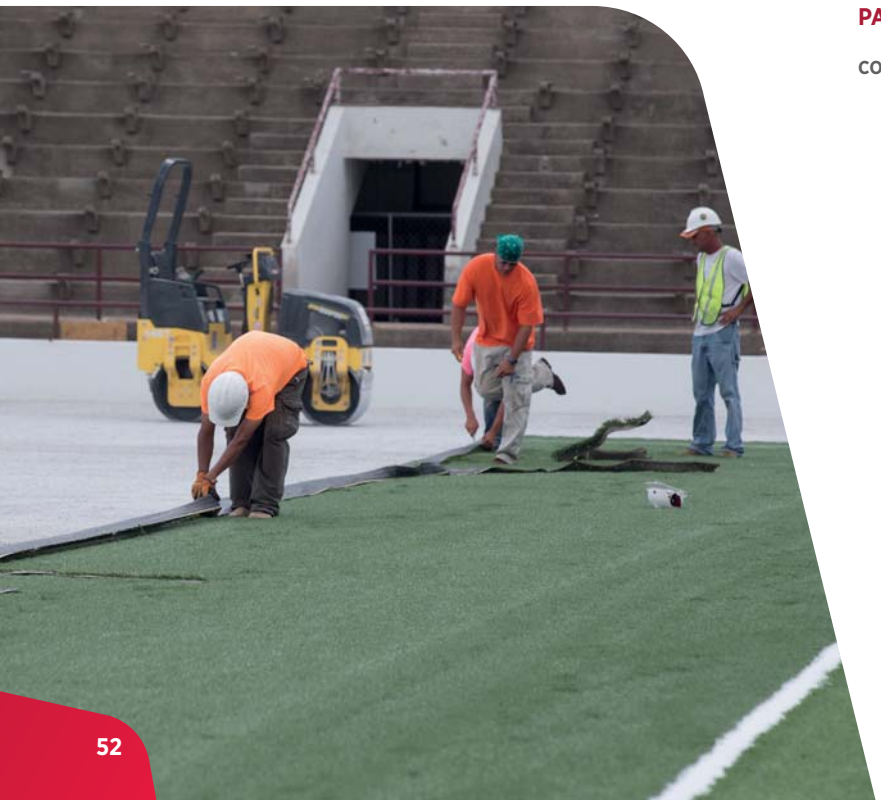
Two component. Excellent bonding to applied surfaces. Suitable for use in adverse weather conditions. Solvent free. No smell. Flexible. Durable.

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

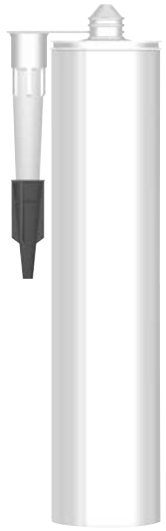
Appearance	: Green or any desired colour
Viscosity (cps)	: Thixotropic
Density (25 °C) (gr/cm^3)	: 1,52 (A component)
	: 1,2 (B component)
Solids (%)	: 100
Mix ratio	: 5/1: A/b (By weight)
Open time (min)	: 25-40 (at 23°C 50% R.H.)
Tack free time (hr)	: 1-1,5 (at 23°C 50% R.H.)
Film resistance	: Water and heat resistant
Covarage (kg/m^2)	: 0,9-1.1 (1 mm thickness)



PACKAGE

CONTENTS	5/1 kg: A Comp.: 15 kg + B Comp.: 3 kg

SEALANT
PRODUCTS



MS POLYMER FLEXI

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

LOW MODULUS **HIGH ELASTICITY** **ECO FRIENDLY**

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.

TECHNICAL FEATURES

Chemical Base	: MS 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/mm²
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/mm²
Heat Resistance	: -40°C and +90°C
Application Temperature	: +5°C and +40°C

SHORE **A25** | **ALL MATERIALS & ALL SURFACES**

COLORS

Gray, Black, White

PACKAGE

CONTENTS	290ml	600ml (sausage)
PER BOX	12	12

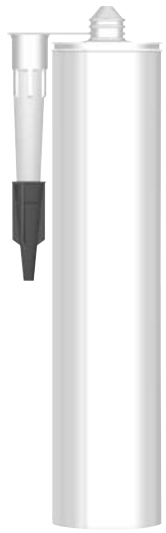
CERTIFICATES

MS POLYMER BY KANEKA

EMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE EN 15651-1 EN 15651-2

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



MS POLYMER CLEAR

Crystal clear elastic adhesive based on MS polymer.

THIXOTROPIC | INVISIBLE APPEARANCE | ECO FRIENDLY

FEATURES

Clear, transparent color. Highly tixotropic: 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

TECHNICAL FEATURES

Chemical Base	: MS 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°Cand %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/mm²
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

SHORE **A35** | **ALL MATERIALS & ALL SURFACES**

COLORS

Clear

PACKAGE

CONTENTS	290ml
PER BOX	12

CERTIFICATES

MS POLYMER BY KANEKA

EMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE EN 15651-1 EN 15651-2

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

MS POLYMER UNIVERSAL

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

EXCELLENT BONDING | **HIGHLY THIXOTROPIC** | **ECO FRIENDLY**

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.

TECHNICAL FEATURES

Chemical Base	: MS Polymer
Curing System	: Moisture
Density	: 1.40 ± 0.03 gr/ml
Appearance/Color	: Paste, White, Black and Grey
Tack Free	: Approx. 50 min (23°Cand %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/mm²
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/mm²
Heat Resistance	: -40°C and +90°C
Application Temperature	: +5°C and +40°C

SHORE **A45** | **ALL MATERIALS & ALL SURFACES**

COLORS

Gray, Black, White

PACKAGE

CONTENTS	290ml	600ml (sausage)
PER BOX	12	12

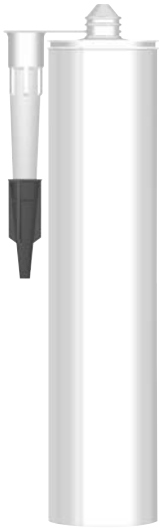
CERTIFICATES

MS POLYMER BY KANEKA

EMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE EN 15651-1 EN 15651-2

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



MS TEAK DECK CAULKING

One component, non-corrosive, high quality fast curing MS 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.

UV RESISTANT

FRESH & SALT WATER RESISTANCE

ECO FRIENDLY

FEATURES

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

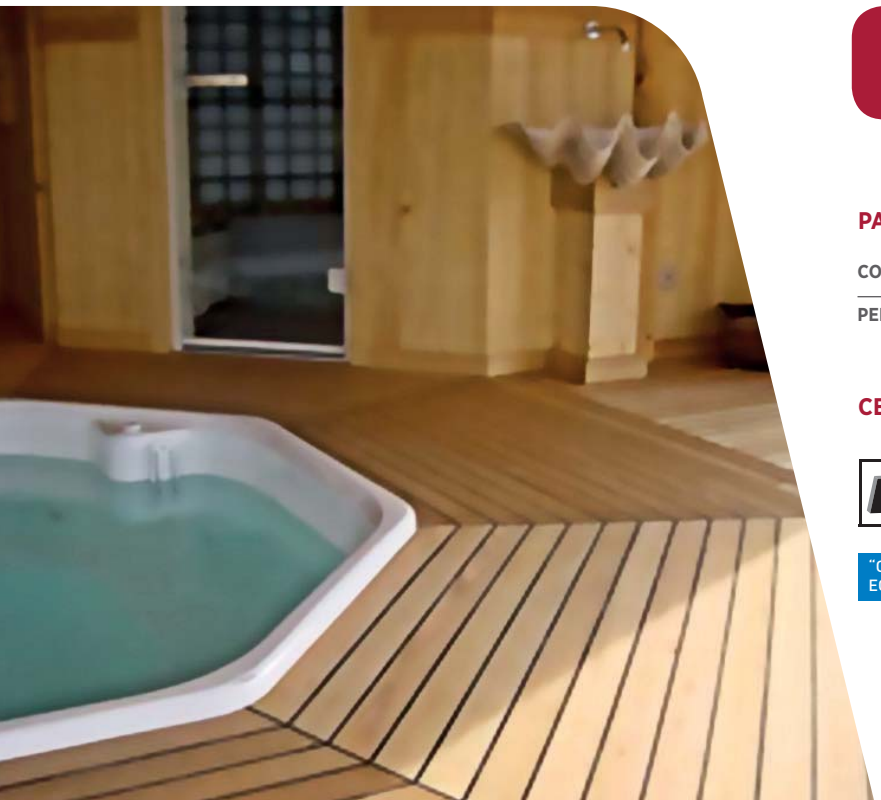
APPLICATION AREAS

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 recomended for plastics before application.

TECHNICAL FEATURES

Basis	: 1-C MS Polymer
Curing Mechanism	: Moisture Curing
Shore A - Hardness	: 45±5 (ISO 868)
Density	: 1,25± 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

ALL MATERIALS & ALL SURFACES



COLORS

Black

PACKAGE

CONTENTS	290ml	600ml (sausage)
PER BOX	12	12

CERTIFICATES

MS POLYMER BY KANEKA

EMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE EN 15651-1

"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.

LOW MODULUS **PAINTABLE** **HIGH ELASTICITY**

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.

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	
Paintibility	: 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/mm²	(ISO8339)
E100 Modulus (-20 °C)	:≤ 0,60 N/mm²	(ISO8339)
DUMBLE TEST		
Elongation at break	: ≥%700	
Tensile Strength	: 1.0-1.5 N/mm²	

COLORS

Gray, Black, White

PACKAGE

CONTENTS	310ml	600ml (sausage)
PER BOX	12	12

CERTIFICATES

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE EN 15651-1 EN 15651-4

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

SHORE **A25**

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.

LOW MODULUS | **PAINTABLE** | **25% MOVEMENT CAPABILITY**

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.

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)
Paintibility	: Yes *	
Elastic Recovery	: ≥ 70% (ISO 7389)	
Glass-Glass		
Elongation at break	: ≥ 100% (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)

COLORS

Gray, Black, White

PACKAGE

CONTENTS	290ml	600ml (sausage)
PER BOX	12	12

CERTIFICATES

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE EN 15651-1 EN 15651-4

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

SHORE **A35**

www.akkim.net

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.

HIGH MODULUS | **HIGH ADHESIVE STRENGTH** | **PERMANENTLY FLEXIBLE**

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.

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)
Paintibility	: Yes *	
*Considering the diversty of paint base and quality,compatibility tests should be done.		
MECHNANICAL PROPERTIES (ISO 8339)		
Elongation at break	: ≥ 120% (ISO8339)	
E100 Modulus (23 °C)	: 0.40-0.45 N/mm²	(ISO8339))
MECHNANICAL PROPERTIES (ASTMD412)		
Elongation at break	: ≥%400	(ASTM D412)
Tensile Strength	: Min. 2.0 N/mm2	(ASTM D412)

COLORS

Black, Grey, White, Brown, Golden Oak

PACKAGE

CONTENTS	310ml	600ml (sausage)
PER BOX	12	12

CERTIFICATES

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE EN 15651-1 EN 15651-4

SHORE **A45**

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.

HIGH MODULUS | **FAST CURING** | **HIGH ADHESIVE STRENGTH**

FEATURES

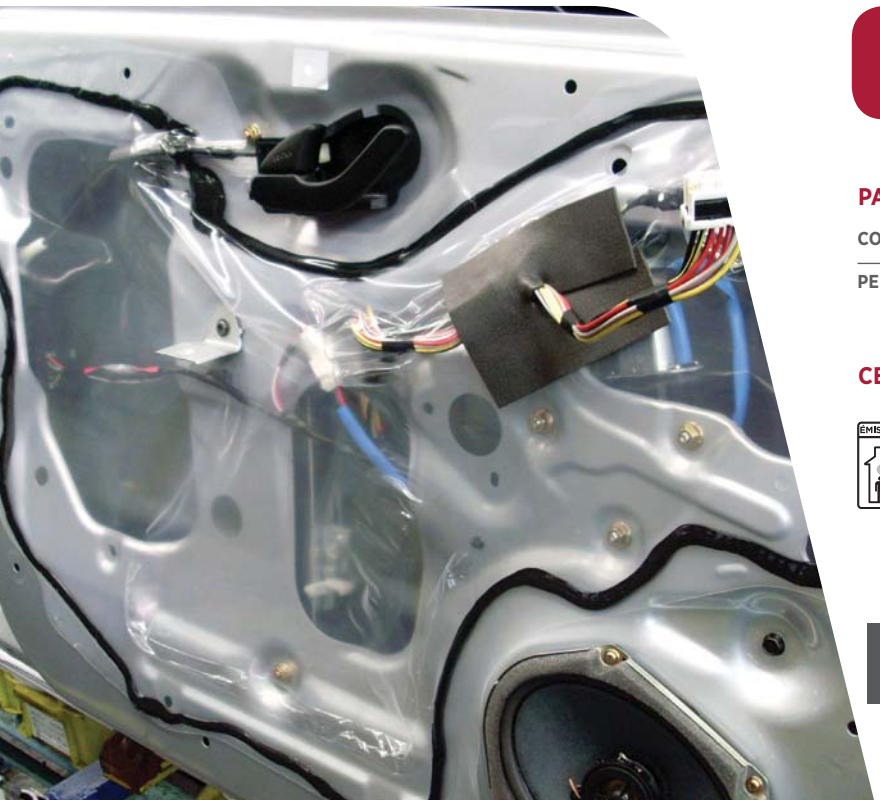
Fast Curing. Permanently flexible. Non-sag consistency. Non-sticky / does not pick up dirt. Improved storage stability. Easy to gun, can be easily smoothed. Paintable.

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+

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)
Paintibility	: Yes *
Elongation at break	: ≥%300 (ISO 37)
Tensile Strength	:Min.2,5 N/mm2 (ISO 37)



COLORS

Black,Grey, White, Brown, Golden Oak

PACKAGE

CONTENTS	310ml	600ml (sausage)
PER BOX	12	12

CERTIFICATES

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE EN 15651-1

SHORE **A50**

www.akkim.net

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.

HIGH ELASTICITY | **PAINTABLE** | **TEXTURED APPEARANCE LIKE MORTAR**

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.

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/mm2	(ISO 37)

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

COLORS

Black, Grey, White, Brown, Golden Oak

PACKAGE

CONTENTS	310ml
PER BOX	12

CERTIFICATES

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

SHORE **A50**

NEUTRAL MIRROR SILICONE

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.

100% SILICONE

HIGH ADHESIVE STRENGTH

NON-CORROSIVE TO MIRRORS

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 propertie. 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 /mm2 (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	

COLORS

Transparent

PACKAGE

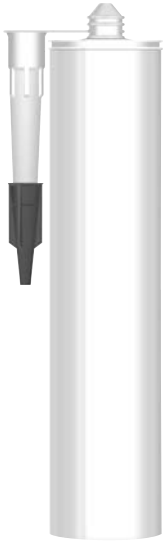
CONTENTS	310ml
PER BOX	12

CERTIFICATES

CE

EN 15651-2

CERTIFIED by SIGECAM



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.

100% SILICONE | **NON-CORROSIVE JOINT SEALING** | **LOW MODULUS HIGH ELASTICITY**

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 (Transparent and Aluminum)	: 1.02± 0.03 g/ml	(ASTM D 792)
Density (Other Colors)	: 1.20± 0.03 g/ml	(ASTM D 792)
Hardness Shore A (Transparent and Aluminum)	: 17-25 (after 28 days)	
Hardness Shore A (Other Colors)	: 22-32 (after 28 days)	
Tensile Strength	: ≤ 0,4 N/mm2 (23°C and 50% R.H) (ISO 8339)	
Elongation At Break (Transparent and Aluminum)	: ≥ 400%	(ASTM D412)
Elongation At Break (Other Colors)	: ≥350%	
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	

COLORS

Black, Grey, White, Transparent, Aluminium

PACKAGE

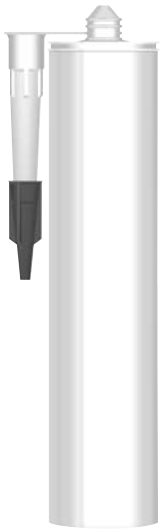
CONTENTS	310ml
PER BOX	12

CERTIFICATES

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

AAMA Manufacturer of Verified Components

CE EN 15651-1 EN 15651-2



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

100% SILICONE

UV, WATER AND WEATHER PROOF

HIGH ELASTIC

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 (Transparent and Aluminum)	: 1.02± 0.03 g/ml	(ASTM D 792)
Density (Other Colors)	: 1.20± 0.03 g/ml	(ASTM D 792)
Hardness Shore A (Transparent and Aluminum)	: 17-25 (after 28 days)	
Hardness Shore A (Other Colors)	: 22-32 (after 28 days)	
Tensile Strength	: ≤ 0,4 N/mm2 (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 (Transparent and Aluminum)	: ≥ 400%	(ASTM D412)
Elongation At Break (Other Colors)	: ≥ 350%	
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	

COLORS

Grey, Brown

PACKAGE

CONTENTS	310ml
PER BOX	12

CERTIFICATES

CE

EN 15651-1

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 acetoxy silicone is not desired.

WEATHERPROOF **UV RESISTANT** **HIGH FLEXIBLITY NON CORROSIVE**

FEATURES

Provides permanent elasticity. Outstanding adhesion to many porous and non-porous substrates. Exceptional resistance to temprature 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, aliminum, 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 (Transparent and Aluminum)	: 0,98± 0.03 g/ml	(ASTM D 792)
Density (Other Colors)	: 1,30± 0.03 g/ml	(ASTM D 792)
Hardness Shore A (Transparent and Aluminum)	: 25-30 (after 28 days	
Hardness Shore A (Other Colors)	: 30-35 (after 28 days)	
Tensile Strength	: ≤ 0,4 N/mm2 (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 (Transparent and Aluminum)	: ≥ 300%	(ASTM D412)
Elongation At Break (Other Colors)	: ≥ 250%	
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	

COLORS

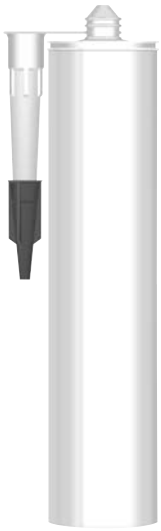
White, Black, Grey, Transparent, Brown, Aluminium

PACKAGE

CONTENTS	300ml
PER BOX	24

CERTIFICATES

CE
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.

100% SILICONE | **WEATHER PROOF** | **VERY LOW ODOR AND NONCORROSIVE**

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 (Transparent and Aluminum)	: 1.02± 0.03 g/ml	(ASTM D 792)
Density (Other Colors)	: 1.20± 0.03 g/ml	(ASTM D 792)
Hardness Shore A (Transparent and Aluminum)	: 17-25 (after 28 days)	
Hardness Shore A (Other Colors)	: 22-32 (after 28 days)	
Tensile Strength	: ≤ 0,4 N/mm2 (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 (Transparent and Aluminum)	: ≥ 400%	(ASTM D412)
Elongation At Break (Other Colors)	: ≥ 350%	
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	

COLORS

Black, Grey, White, Transparent, Aluminium, Brown

PACKAGE

CONTENTS	310ml	600ml Sausage
PER BOX	24	24

CERTIFICATES

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ (A+ A B C)

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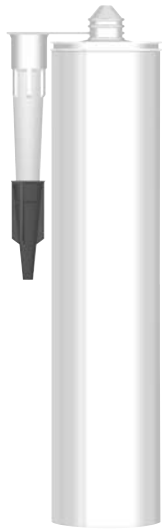
EN 15651-2



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.

MOLD & MILDEW PROOF. **RESISTANT TO CLEANING AGENTS** **NON-CORROSIVE NEUTRAL CURE**

FEATURES

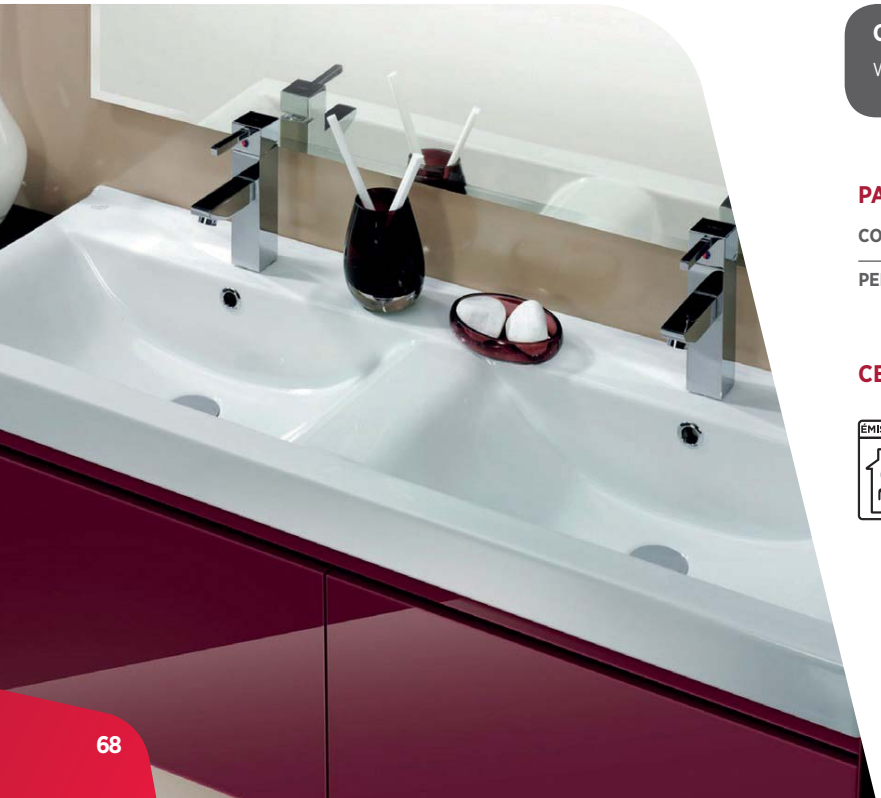
Mold & mildew proof. Resistant to cleaning agents. Maintains its flexibility at temperature extremes. Highly elastic, +/-25% movement capability. UV, water and weather proof. Non-corrosive neutral cure. Fast curing. Low odor. Interior/ exterior use. Non-sag.

APPLICATION AREAS

Sealing applications of joints around bathtubs, showers and sinks. Sealing of joints between tiles, ceramic, metal sheets and walls. Sealing expantion 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 Clear: 1,02±0,02	(ASTM D 792)
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	



COLORS

White, Black, Grey, Transparent

PACKAGE

CONTENTS	300ml
PER BOX	24

CERTIFICATES

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE
EN 15651-1
EN 15651-2

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.

NON CORROSIVE | **WEATHER PROOF** | **HIGH ADHESIVE STRENGTH**

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. F ast 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

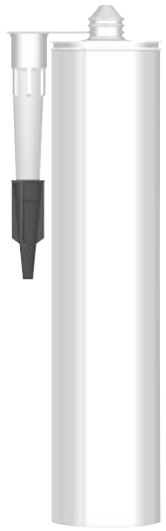
Basis	: Silicone Polymer(Oxime)	
Curing System	: Neutral (Oxime)	
Density	: 1.33 ± 0.03 g/ml	(ASTM D 792)
Hardness Shore A	: 50 ± 5 (after 28 days)	(ASTM D412)
Tensile Strength	: ≥ 0,4 N/mm2 (23°C and 50% R.H)	(ISO 8339)
Skin formation	: Approx. 10 min. (23°C and 50% R.H)	
Curing Rate	: Min. 2,5 mm/day (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	

COLORS

Black

PACKAGE

CONTENTS	600ml Sausage
PER BOX	24



100% SILICONE SANITARY

Acetoxy cure, high performance, mold-proof silicone sealant designed for gap filling and sealing in a wide range of use. It combines the advantages of outstanding adhesion to glass, marble, granite, mirror etc. and non-corrosive, odorless curing.

MOLD PROOF | **FAST CURING** | **100% SILICONE, SOLVENTLESS**

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	

COLORS

White, Transparent

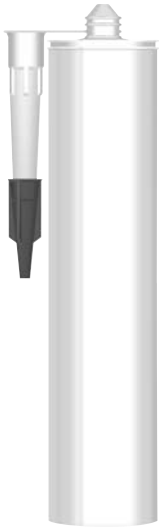
PACKAGE

CONTENTS	280ml
PER BOX	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.

MOLD PROOF

100% SILICONE

WITHSTANDS DETERGENTS, CLEANING AGENTS AND CHEMICALS

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/mm²	(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	

COLORS

White, Transparent

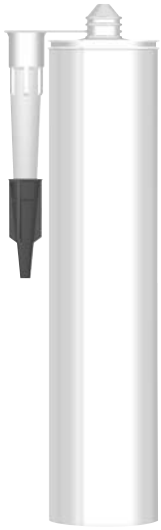
PACKAGE

CONTENTS	310ml
PER BOX	24

CERTIFICATES

CE

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.

100% SILICONE | **RAPID CURING** | **NON-TOXIC TO FISH**

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	: Acetoxy	
Density	: 1.02 ± 0.03 g/ml	
HardnessShore A	: 24-30 (after 28 days)	
Tensile Strength	: ≤ 0,4N/mm2	(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 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	

COLORS

Black, Transparent

PACKAGE

CONTENTS	310ml
PER BOX	24

CERTIFICATES

CE

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.

MOLD PROOF | **HIGH ELASTICY** | **UNIVERSAL USE**

FEATURES

Stays permenantly elastic after curing. Remains flexible in low and high temperatures. Resistant to temperature exteremes. 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	: Acetoxy	
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	: ≥ 0,7 N/mm²	(ASTM D 412)
Elongation At Break	: ≥ 350%	(ASTM D 412)
Sagging	: 0 mm	(ISO 7390)
Application Temperature	: +5°C to +40°C	

COLORS

Black,Grey, White, Brown, Golden Oak, Transparen, Aluminium

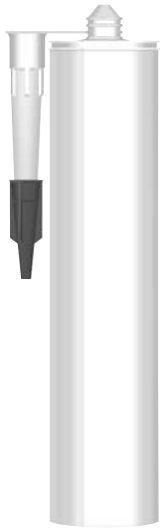
PACKAGE

CONTENTS	310ml	280ml	80ml	50ml
PER BOX	24	24	36	24

CERTIFICATES

CE

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



DUCT SEAL SANITARY ACRYLIC

Fiber reinforced, water based duct sealant.

INDOOR& OUTDOOR | **LOW SHRINKAGE** | **FIBER REINFORCED**

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	

COLORS

Grey, White

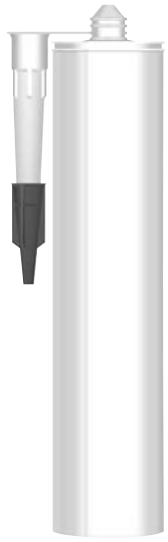
PACKAGE

CONTENTS	310ml
PER BOX	12

CERTIFICATES

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE EN 15651-1



ACOUSTIC SEALANT

Permanently flexible, acrylic water based acoustical sealant especially formulated to reduce sound transmission from leaking through joints and edges of all types of wall partitions in soundproofing projects. It also provides sound dampening, smoke and moisture barrier between different construction substrates.

HIGH ACOUSTIC PERFORMANCE

REDUCES SOUND TRANSMISSION

LOW VOC AND LOW ODOR

FEATURES

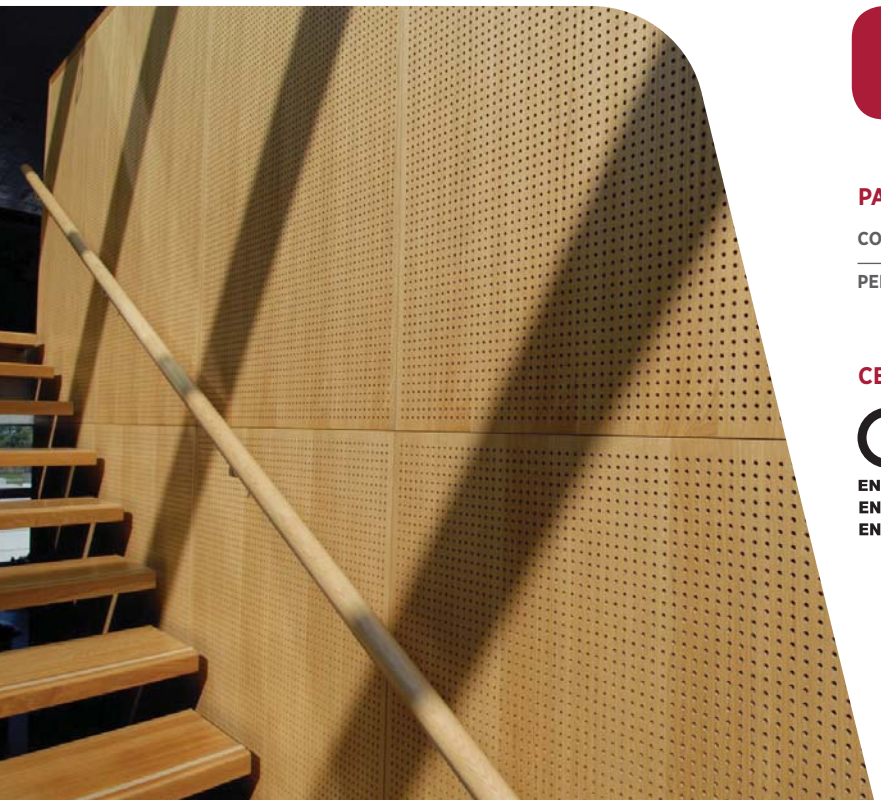
Reduces sound transmission. Stays flexible for high acoustic performance. Adheres to wide range of materials including wood, brick, foamboard, concrete, greenboard, drywall, cementboard etc. Non-flammable. Eco-friendly: Low VOC and low odor. Easy water cleanup. Easy application with non-sag properties. Over paintable.

APPLICATION AREAS

Provides an effective acoustic barrier for sealing gaps, perimeter joints, and partitions between two soundproofing materials including plasterboard, drywalls, foamboard where an acoustic barrier is required. Sealing and bonding joints between walls and the floor or ceiling. Also suitable to use in perimeter of recessed lighting, plumbing pipes, air ducts, electrical conduits, windows, and doors. Adheres to numerious substrates including wood, brick, masonry, plasterboard, foamboard, concrete, gypsumboard, greenboard, drywall, cementboard, metal studding and other insulation boards etc.

TECHNICAL FEATURES

Basis	: Acrylic Dispersion	
Consistency	: Smooth paste	
pH	: 7.5-9	
Specific gravity	: 1,58 ± 0,03 gr/cm^3	(ASTM D 792)
Tack-Free time	: < 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	: 20 ± Shore A	
Elongation	: > 100%	(ASTM D 412)
Max tensile strength	: ≥ 0,4 N/mm2	(ASTM D 412)
Application Temperature	: +5°C to +40°C	



COLORS

White, Gray

PACKAGE

CONTENTS	310ml	600ml Sausage
PER BOX	12	12

CERTIFICATES

CE

EN 15651-1
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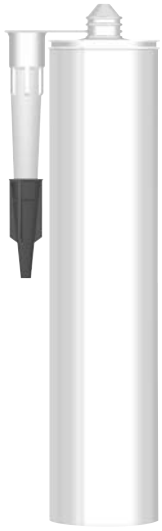
EN 15651-3



PINK SEAL

Multipurpose acrylic sealant formulated to provide a dry time indicator.

APPLIES PINK DRIES WHITE | **WATER BASED** | **OVER PAINTABLE**

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 ± 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	
Volume shrinkage	: %32	(ASTM D 412)
Weight loss	: %20	
Elongation	: >%150	
Modulus 100 % elongation	: ≥0,40 Mpa	
Max. tensile strenght	: ≥ 0,50 Mpa	
Tensile strenght	: ≥ 0,15 Mpa	
Temperature resistance	: -10 °C to +80 °C	
Application Temperature	: +5 °C to +40 °C	

COLORS

Applies pink/dries white

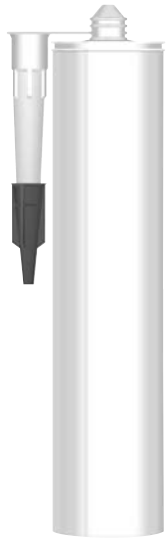
PACKAGE

CONTENTS	310ml
PER BOX	12

CERTIFICATES

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE EN 15651-1



CLEAR SEAL

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

APPLIES WHITE DRIES CLEAR | **ECO FRIENDLY** | **WATER-PROOF AFTER 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/cm3	(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	

COLORS

Transparent

PACKAGE

CONTENTS	310ml
PER BOX	12

CERTIFICATES

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE EN 15651-1

ULTRALIGHT GAP FILLER

One-component, water based acrylic sealant designed for general purpose gap fillling 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.

FLEXIBLE, CRACK PROOF | **INTERIOR/ EXTERIOR USE** | **UV, WATER AND WEATHER PROOF**

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 ± 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	: ≥0,30 Mpa	
Max. tensile strenght	: ≥ 0,10 Mpa	
Tensile strenght	: ≥ 0,40 Mpa	
Temperature resistance	: -10 °C to +80 °C	
Application Temperature	: +5 °C to +40 °C	

COLORS

White

PACKAGE

CONTENTS	310ml	500 ml
PER BOX	12	6 (bucket)

CERTIFICATES

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE EN 15651-1

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.

PAINTABLE | **ECO FRIENDLY** | **VERY LOW VOC CONTENT, NO ODOUR**

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 ± 0,03 gr/cm³	(ASTM D 792)
Tack-Free time	: 50 ± 20 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	: ≥100 %	(ASTM D 412)
Temperature resistance	: -10 °C to +80 °C	
Application Temperature	: +5 °C to +40 °C	

COLORS

White

PACKAGE

CONTENTS	310ml
PER BOX	24

CERTIFICATES

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE EN 15651-1

SILICONIZED SEALANT

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

PAINTABLE | **WATER BASED & NON-TOXIC** | **WATER-PROOF AFTER CURING**

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 ± 0,03 gr/cm^3	(ASTM D 792)
Tack-Free time	: 50 ± 20 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	: ≥300%	(ASTM D 412)
Temperature resistance	: -10 °C to +80 °C	
Application Temperature	: +5 °C to +40 °C	

COLORS

Black, Grey, White, Brown

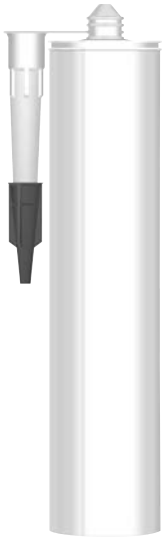
PACKAGE

CONTENTS	310ml	600 ml Sausage	80 ml
PER BOX	24	12	36

CERTIFICATES

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE EN 15651-1



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 freze thaw stability properties and durable flexibility are necessary.

INDOOR & OUTDOOR | **PAINTABLE** | **CRACK PROOF PREEZE THAW STABLE**

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 wetjer-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 ± 0,03 gr/cm3	(ASTM D 792)
Tack-Free time	: 50 ± 20 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	: ≥300%	(ASTM D 412)
Temperature resistance	: -10 °C to +80 °C	
Application Temperature	: +5 °C to +40	

COLORS

Black, White

PACKAGE

CONTENTS	310ml
PER BOX	12

CERTIFICATES

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE EN 15651-1

PERFECT FREEZE THAW STABILITY

ALL SEASONS

www.akkim.net

PU FOAM
PRODUCTS

ISOCYANATE FREE PU FOAM GUN / STRAW

New generation isocyanate free, human & eco friendly foam. It is designed for easy dispensing through the straw adapter included each can and gun adapter. It does not contain any propellant gases that are harmful to the ozone layer.

ISOCYANATE FREE | **EXCELLENT ADHESION** | **HIGH FILLING CAPACITY**

FEATURES

Excellent adhesion & filling capacity. Excellent mounting capacity and stability. Excellent adhesion on most substrates. High filling capacity. High thermal & acoustical insulation value. After cured, it can be painted, cut, trimmed. No shrinkage.

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

ISOCYANATE FREE PU GUN FOAM

Basis	: Sylan Terminated Polymer	
Curing System	: Moisture Cure	
Specific Gravity	: 25±3 kg/cm³	(ASTM D1622)
Tack-Free Time (1 cm width)	: 6±3 min	(ASTM C1620)
Cutting Time (1cm width)	: 30-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Color	: White	
Volumetric Yield	: 10-12L	
Shrinkage	: 0%	
Fire Class of the Cured Foam	: B3 - F	(DIN 4102-1) (EN 13501-1)
Water Absorption	: max. 1 vol%	
Can Temperature	: +5°C to +30°C	
Application Temperature	: +5°C to +30°C	

ISOCYANATE FREE PU FOAM

Basis	: Silane terminated polymer	
Curing System	: Moisture cure	
Specific Gravity	: 50±5 kg/m³	(ASTM D1622)
Tack-Free Time	: 6±3 min	(ASTM C1620)
Cutting Time (1cm width)	: 45-60 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: White	
Yield	: 10-12 L	(ASTM C1536)
Shrinkage	: < 5%	(FEICA TM 1004-2010)
Fire Class of the Cured Foam	: B3 - F	(DIN 4102-1) (EN 13501-1)
Post Expansion	: < 10%	(FEICA TM 1004-2010)
Application Temperature	: +5°C to +30°C	
Can temperature	: +5°C to +30°C	
Basis	: Silane terminated polymer	

PACKAGE

CONTENTS	500ml
PER BOX	12

ECO FRIENDLY

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.

MAXIMUM YIELD | **LOW EXPANSION** | **IMPROVED ADHESION & STABILITY**

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/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	: 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	

PACKAGE

CONTENTS	Gw. 1000g.
PER BOX	12

CERTIFICATES

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CLASSIFIED UL

ECO FRIENDLY

MEGA PU GUN FOAM 65L

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

HIGH YIELD UP TO 65 LITERS

EXCELLENT ADHESION TO COMMON CONSTRUCTION MATERIALS

MOULD-PROOF, WATER-PROOF & OVER PAINTABLE

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/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	: 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

CONTENTS	Gw. 1000g.
PER BOX	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.

HIGH YIELD UP TO 70 LITERS

EXCELLENT ADHESION TO COMMON CONSTRUCTION MATERIALS

MOULD-PROOF, WATER-PROOF & OVER PAINTABLE

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/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	: 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

CONTENTS	Gw. 1020g.
PER BOX	12

CERTIFICATES

SAFETY VALVE REUSABLE PU FOAM

PU foam which is never blocked thanks to its mechanical valve

REUSABLE | **THE VALVE IS NEVER BLOCKED** | **MOULD-PROOF, WATER-PROOF & OVER PAINTABLE**

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±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 green	
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

CONTENTS	Gw. 850g.
PER BOX	12

CERTIFICATES

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CLASSIFIED C UL US

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.

EXCELLENT ADHESION & FILLING CAPACITY

GUN USE, LOW EXPANSION, PROFESSIONAL TYPE

MOULD-PROOF, WATER-PROOF & OVER PAINTABLE

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/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)
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

CONTENTS	Gw. 850g.
PER BOX	12

CERTIFICATES

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CLASSIFIED UL

AAMA Manufacturer of Verified Components

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.

EXCELLENT ADHESION & FILLING CAPACITY

STRAW USE, MANUAL TYPE, HIGH EXPANSION

MOULD-PROOF, WATER-PROOF & OVER PAINTABLE

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/m³	(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

CONTENTS	Gw. 850g.	Gw. 570g.	Gw. 350g.
PER BOX	12	12	12

CERTIFICATES

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CLASSIFIED UL

PU GUN 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. 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.

AS A STRAW FOAM, BEHAVES LIKE A GUN FOAM

LOW EXPANSION

MOULD-PROOF, WATER-PROOF & OVER PAINTABLE

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/m³	(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	(ISO 2896-87)
Water Absorption	: max. 1 vol%	(DIN 53428)
Can Temperature	: min.5°C max. +30°C	
Temperature Resistance	: -40°C to +80°C	
Application Temperature	: +5°C to +30°C	

PACKAGE

CONTENTS	Gw. 850g.
PER BOX	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.

OVERCOMES EXTREME PHYSICAL MOVEMENTS WITHOUT STRUCTURAL DEFORMATION

SHOCK & IMPACT ABSORPTION

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/m³	(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

CONTENTS	900gr
PER BOX	12

CERTIFICATES

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CLASSIFIED UL

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.

CAN BE USED AT LOW TEMPERATURES BELOW TO -12°C

EXCELLENT ADHESION TO MOST MATERIALS

VERY GOOD FILLING CAPACITY

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/m³	(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	: -12°C to +30°C	

PACKAGE

CONTENTS	Gw. 850g.	Gw. 570g.	Gw. 350g.
PER BOX	12	12	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.

CAN BE USED AT LOW TEMPERATURES BELOW TO -12°C

EXCELLENT ADHESION TO MOST MATERIALS

GUN TYPE, PROFESSIONAL USE

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

CONTENTS	Gw. 850g.
PER BOX	12

CERTIFICATES

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CLASSIFIED C UL US

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.

HIGH YIELD UP TO 70 LITERS

CAN BE APPLIED AT LOW TEMPERATURES BELOW TO – 25°C

EXCELLENT ADHESION ON COMMON CONSTRUCTION MATERIALS

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

CONTENTS	Gw. 1050g.
PER BOX	12

CERTIFICATES

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

FENCE POST FIX

Fast 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.

EASY STRONG FAST

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	: 9,7 L
Weather resistance (cold and hot)	: -40 ˚C +120 ˚C
Water absorption	: 0,17 kg/m^2

PACKAGE

	Component A	Component B
CONTENTS	325gr	350gr
PER BOX	12	12

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

CONTENTS	500ml
PER BOX	12

COATINGS
PRODUCTS

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.

EXCELLENT ADHESION | **EASY APPLICATION** | **INTERIOR AND EXTERIOR APPLICATIONS**

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	: 8-12 h (23°C and %50 R.H.)	(ASTM C679)
Viscosity	: 5500±1000 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	: 55	(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

CONTENTS 25 kg

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.

ONE COMPONENT | **EXCELLENT ADHESION** | **ENHANCED UV RESISTANCE**

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

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)
Reafy 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)
Tensile Strength	: 6 N/mm^2	(DIN 53504)
Heat Resistance	: -20°C and +80°C	
Application Temperature	: +5°C and +35°C	

PACKAGE

CONTENTS 15kg

POLYUREA 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.

VERY FAST CURE **SEAMLESS COATING** **EXCELLENT STRUCTURAL STRENGTH**

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, plastics, 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		Iso component:
		Isocyanate (MDI) Prepolymer
		Amine component :
		Amine Resin
VOC content (%)	ASTM D-1259	0
Solid content (%)	ASTM D-2697	100
Gel time (sec)	--	5-10
Tack free time (sec)	--	15-25
Recoat time (hr)		0-6
Density (gr/cm3)	ASTM D-792	0,99-1,03
Tensile strength (MPa)	ASTM D638	18-20
Modulus (MPa)	ASTM D638	100 % elongation ≥10
		300 %elongation ≥15
Elongation (%)	ASTM D638	≥400
Hardness (Shore D)	ASTM D2240	40-45
Hardness (Shore A)	ASTM D2240	85-90
Tear strength (N/mm)	ASTM D 624	50-55
Taber abrasion (mg)	ASTM D 4060	<78 1000 cycles
Pull off strength (N/mm2)	ASTM D 4541	concrete: ≥2 steel : ≥6
Fire resistance class	EN ISO 11925-2	E
Water vapor transmission rate (g*mm/m2*24 hr)	ISO 15106-3	17
Methane transmission rate (cm3*mm/m2*24 hr)	ISO 15105-1	70

PACKAGE

CONTENTS 225 kg + 200 = 425 kg.

CERTIFICATES

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

CE
EN 1504- 2

POLYUREA ECO PURE

Very fast set, 2-component, 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.

FAST CURING | **SEAMLESS COATING** | **WATER RESISTANT**

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, plastics, 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, garage.

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.)	--	15-25
Recoat time (hr.)		0-6
Density (gr/cm3)	ASTM D792	0,99-1,03
Tensile strength (MPa)	ASTM D638	≥ 15
Modulus (MPa)	ASTM D638	100 % elongation ≥10 300 % elongation ≥12
Elongation (%)	ASTM D638	≥375
Hardness (Shore D)	ASTM D2240	35-40
Hardness (Shore A)	ASTM D2240	90-95-92
Tear strength (N/mm)	ASTM D 624	≥40
Taber abrasion (mg)	EN ISO 5470-1	<100 (H22 wheel, 1000 cycles)
Pull off strength (N/mm2)	ASTM D 4541	Concrete : ≥2,5 Steel: ≥6

PACKAGE

CONTENTS 225 kg + 200 = 425 kg.

HYBRID SYSTEMS

Very fast set, 2-component , 100% solid, flexible 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 coating alternative to pure polyurea products. This product is VOC free and environmentally friendly. The material must be applied utilizing high pressure, heated plural component spray proportioning equipment.

ECONOMIC ALTERNATIVE | **FAST CURING** | **SEAMLESS AND JOINTLESS COATING**

FEATURES

Economic alternative to pure polyurea products. Fast reactivity and fast return to service time. Seamless and jointless coating. 100% solid, VOC free, no solvents. No catalyst. Little or no odor. Excellent thermal stability. Water resistant. Excellent adhesion on concrete, steel, aluminum, plastics, fibers, wood, foam etc. Excellent flexibility. Temperature and moisture insensitvity. Excellent chemical resistance. Excellent impact and abrasion resistance. Anticorrosive. Very good tensile and structural strength. UV, chlorine and salt water resistant. Variable application thickness possible. Broad color spectrum.

APPLICATION AREAS

General water isolation–water tanks, pools, swimming pools, ponds, pipes, pipelines , waste water treatments, manholes and sewer linings, roof coatings. Floors – industrial floors, hospitals, factory, parking lots , garage. Truck bed liners. Leisure industry- water parks, aquariums linings, play grounds , theme park and decorative applications.

TECHNICAL FEATURES

	Method	Datas
Chemical structure		A: MDI Prepolymer
		B: Amine Resin
VOC content (%)	ASTM D1259	0
Solid conten (%)	ASTM D2697	100
Gel time (sec)	--	5-15
Tack free time (sec)	--	25-45
Recoat time(hr)	--	0-12
Density (gr/cm3)	ASTM D792	1,00-1,05
Tensile strength (MPa)	ASTM D638	≥13
Modulus (MPa)	ASTM D638	%100 elongation ≥ 5
Elongation at break (%)	ASTM D638	≥400
Hardness (Shore A)	ASTM D2240	80-85
Tear strength (N/mm)	ASTM D-624	≥25
Taber abrasion (mg)	EN ISO 5470-1	<150 (H22, 1000 cycle)
Pull off strength (N/mm2)	ASTM D4541	Concrete: ≥2,5 Steel: ≥6

PACKAGE

CONTENTS 225 kg + 200 = 425 kg.

CERTIFICATES

CE
EN 1504-2

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.

CONTACT SAFE WITH DRINKING WATER AND FOOD

FAST CURING

SEAMLESS COATING

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, plastics, 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 conten (%)	ASTM D2697	100
Gel time (sec)	--	5-10
Tack free time (sec)	--	15-25
Recoat time(hr)		0-6
Density (gr/cm3)	ASTM D792	0,99-1,03
Tensile strength (MPa)	ASTM D638	16-18
Modül (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 D 624	50-55
Abrasion resistance (mg)	EN ISO 5470-1	<90 (H22, 1000 cycle)
Pull off strength (N/mm^2)	ASTM D 4541	Concrete: ≥2,5 Steel: ≥6
Approval to food contact	EN 1186-1/15	Suitable

PACKAGE

CONTENTS 225 kg + 200 = 425 kg.

CERTIFICATES

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 POLYUREA

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 requre 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.

FIRE RETARDANT | **FAST CURING** | **SEAMLESS COATING**

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, plastics, fibers, wood, geotextiles etc. Excellent flexibility. Temparature 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

	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)	--	15-25
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	EN ISO 11925-2	E

PACKAGE

CONTENTS 225 kg + 200 = 425 kg.

ANTISTATIC POLYUREA

Fast curing, 100% solids antistatic pure polyurea system. Due to its eloctrostatic propertis, it can be 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. It is therefore recommended for floorings or linings in areas such as electronic laboratories, cleaning rooms, hospitals, operating rooms, offices with sensitive technology etc.

EXCELLENT ADHESION FORCE

EXCELLENT THERMAL STABILITY

EXCELLENT TENSILE AND STRUCTURAL RESISTANCE

FEATURES

Antistatic property. Excellent adhesion force. Excellent thermal stability. Excellent tensile and structural resistance. Temperature and moisture insensitivity

APPLICATION AREAS

Industrial manufacturing facilities and storage areas. Laboratories. Hospitals and operating room floors. Transportation and truck bed liners. Refineries and gas pipes. Tank coatings.

TECHNICAL FEATURES

		Method	Datas
Gel time (sec.)	:	--	5-10
Tack free time (sec.)	:	--	15-30
VOC content(%)	:	ASTM D1259	0
Tensile strength (MPa)	:	ASTM D638	>16
Elongation (%)	:	ASTM D638	≥350
Hardness (Shore A)	:	ASTM D2240	85-90
Taber abrasion (mg)	:	ASTM D 4060	<90 1000 Cycles
Pull off strength (N/mm²)	:	ASTM D 4541	Concrete : ≥2,5 Steel : ≥6
Surface resistance(ohm)	:	DIN IEC 61340	≤0,5*109

PACKAGE

CONTENTS 225 kg + 200 = 425 kg.

ENHANCED FLEXIBILITY POLYUREA

Pure polyurea which is specifically formulated for applications which require higher elongation, in addition to having all basic properties of pure polyurea. Due to its high elasticity, ideal for waterproofing metal roofs and suitable for coating combination with geotextiles.

EXCELLENT ELONGATION

EXCELLENT THERMAL STABILITY

SEAMLESS AND WATERPROOFING

FEATURES

Excellent elongation. Excellent thermal stability. Seamless and waterproofing. Excellent crack bridging property. Geometrically complicated components coating.

APPLICATION AREAS

Metal roofs and garages. Geotextile coatings. Terrace and balconies. Flexible membranes. Decorative applications

TECHNICAL FEATURES

		Method	Datas
Gel time (sec.)	:	--	20-30
Tack free time (sec.)	:	--	60-90
VOC content(%)	:	ASTM D1259	0
Tensile strength (MPa)	:	ASTM D638	≥10
Elongation (%)	:	ASTM D638	≥500
Hardness (Shore A)	:	ASTM D2240	75-75
Pull off strength (N/mm²)	:	ASTM D 4541	Concrete : ≥2,5 Steel : ≥6

PACKAGE

CONTENTS 225 kg + 200 = 425 kg.

ABRASION RESISTANT POLYUREA

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 is especially designed where high abrasion, chemical and corrosion resistance is a necessity. For protecting and coating purposes, this product can be applied on materials like concrete, metal, wood, ceramic and PU foam.

EXCELLENT IMPACT AND ABRASION RESISTANCE

EXCELLENT STRUCTURAL STRENGTH

EXCELLENT CHEMICAL RESISTANCE

FEATURES

Excellent impact and abrasion resistance. Excellent tensile and tear resistance. Excellent structural strength. Excellent resistance to chemicals like acid and bases. 100% solid, VOC free, no odor. Contains no catalyst. High hydrolysis resistance. Perfect thermal stability. Seamless and jointless coating with water resistance. Excellent adhesion on concrete, steel, aluminum, ceramic, wood, etc. Temperature and moisture insensitvity. Variable application thickness possible.

APPLICATION AREAS

Floors where high traffic resistance is needed. Parking lots. Water waste treatment plants. Cold storage and loading ramps. Roads, bridge decks, railways and high speed railways, tunnels. Truck bedliners. Shipping containers. Marine industry. Oil and gas industry. Mining industry. Refineries and petrochemical industry,

TECHNICAL FEATURES

	Method	Datas
Chemical structure		A: MDI Prepolymer B: Amine Resin
VOC content (%)	ASTM D1259	0
Solid conten (%)	ASTM D2697	100
Gel time (sec)	--	5
Tack free time (sec)	--	15-25
Recoat time(hr)		0-6
Density (gr/cm^3)	ASTM D792	1,00-1,03
Tensile strength (MPa)	ASTM D638	> 25
Modulus (MPa)	ASTM D638	%100 elongation ≥12
Elongation at break (%)	ASTM D638	≥200
Hardness (Shore A)	ASTM D2240	95-98
Abrasion resistance (mg)	ASTM D4060	<30 1000 cycle
Pull off strength (N/mm^2)	ASTM D4541	Concrete: ≥2,5 Steel: ≥6

PACKAGE

CONTENTS 225 kg + 200 = 425 kg.

ALIPHATIC POLYUREA

100 % solid, fast curing, 2 component, UV resistance, 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. The material must be applied utilizing high pressure, heated plural component spray proportioning equipment.

HIGH UV RESISTANCE | **100% COLOR STABILITY** | **FAST CURE**

FEATURES

Excellent UV resistance. 100% 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 jointless coating with high water resistance. Temperature and moisture insensitvity. Excellent adhesion on concrete, steel, aluminum, plastics, wood, etc. Variable application thickness is possible. Broad color spectrum

APPLICATION AREAS

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

	Method	Datas
Chemical structure		A: MDI Prepolymer B: Amine Resin
VOC content (%)	ASTM D1259	0
Solid conten (%)	ASTM D2697	100
Gel time (sec)	--	25-30
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	>18
Elongation at break (%)	ASTM D638	≥150
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

CONTENTS 210 kg + 200 = 410 kg.

POLYASPARTIC SOFT POLYUREA

2 component, UV resistant polyaspartic based polyurea system. This new generation aliphatic polyurea coating system is ideal for applications which require excellent color stability. While this system can be applied as a thin coating, it can also be used as a top layer on top of the existing coating. Additionally, it can be also used to increase the corrosion resistance of the metal substrates . It can be applied with roller, brush or an airless system.

EXCELLENT UV COLOR RESISTANCE

EXTERIOR AND INTERIOR APPLICATIONS

LONG WORKING AND GEL TIME

FEATURES

Excellent color stability and UV resistance. Suitable for exterior and interior applications. Long working and gel time. Fast service time (open to pedestrian traffic after 3-4 hours). VOC and odor free. Excellent corrosion resistance. High hydrolysis resistance. Wide color range.

APPLICATION AREAS

UV and color stable top coat on existing base coat. High color stability and gloss requiring swimming pools. Terraces and roofs. Water parks, playgrounds and decorative applications. Wind turbines.

TECHNICAL FEATURES

	Method	Datas
Chemical structure		A: HDI Prepolymer B: Amine Resin
Mix ratio (by weight)	--	40:60 A:B
Consumption (g/m2)	--	250-500
Recommended thickness (µm)	--	100-250 (for each layer)
VOC content (%)	ASTM D1259	0
Solid content (%)	ASTM D2697	90
Gel time (sec)	--	30-35
Tack free time (sec)	--	50-65
Pedestrian traffic time (hr)	--	0-12
Full curing time (hr)	--	24
Tensile strength (MPa)	ASTM D638	>30
Elongation at break (%)	ASTM D638	4-6
Hardness (Shore D)	ASTM D2240	55±5
Abrasion resistance (mg)	EN ISO 5470-1	<15 (H22, 1000 cycle)

PACKAGE

CONTENTS 6kg + 4kg = 10kg

POLYASPARTIC HARD POLYUREA

2 component, UV resistant polyaspartic based polyurea system. This new generation aliphatic polyurea coating system is ideal for applications which require excellent color stability. While this system can be applied as a thin coating, it can also be used as a top layer on top of the existing coating. Additionally, it can be also used to increase the corrosion resistance of the metal substrates . It can be applied with roller, brush or an airless system.

EXCELLENT UV RESISTANCE

INTERIOR AND EXTERIOR APPLICATIONS

LONG WORKING AND GEL TIME

FEATURES

Excellent color stability and UV resistance. Safe usage in exterior applications. Long working and gel time. Fast service time (applicable to pedestrian traffic after 2-4 hours). Easy self-spread. VOC free, no odor. High abrasion, impact and corrosion resistance. High hydrolysis resistance. Perfect thermal stability. Seamless and jointless coating with high water resistance. Wide color range.

APPLICATION AREAS

UV and color stable top coat on existing base coat. High color stability and gloss requiring swimming pools. Terraces and roofs. Water parks, playgrounds and decorative applications. Wind turbines.

TECHNICAL FEATURES

	Method	Datas
Chemical structure		A: HDI Prepolymer B: Amine Resin
Mix ratio (by weight)	--	40:60 A:B
Consumption (g/m²)	--	250-500
Recommended thickness (µm)	--	100-250 (for each layer)
VOC content (%)	ASTM D1259	0
Solid conten (%)	ASTM D2697	100
Gel time (sec)	--	30-35
Tack free time (sec)	--	50-65
Pedestrian traffic time (hr)	--	0-12
Full curing time (hr)	--	24
Tensile strength (MPa)	ASTM D638	>30
Elongation at break (%)	ASTM D638	4-6
Hardness (Shore D)	ASTM D2240	55±5
Abrasion resistance (mg)	EN ISO 5470-1	<15 (H22, 1000 cycle)

PACKAGE

CONTENTS 6kg + 4kg = 10kg

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.

FAST CURING

%100 SOLID, VOC FREE

TEMPERATURE AND MOISTURE INSENSITIVE

FEATURES

100% solid, VOC free, no solvents. Fast reactivity. Returns project to service in 60 Minutes. Temperature and moisture insensitvity. 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

	Method	Datas
Chemical structure		Iso component: Isocyanate (MDI) Prepolymer Amine component : 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
Density (gr/cm3)	ASTM D-792	0,99-1,03
Tensile strength (MPa)	ASTM D638	≥5
Elongation (%)	ASTM D638	≥250
Hardness (Shore A)	ASTM D2240	70-75
Pull off strength (N/mm2)	ASTM D 4541	concrete: ≥4 steel : ≥5

PACKAGE

CONTENTS A Comp.: 300ml + B Comp.: 300ml = 600ml

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.

FAST REACTIVITY

HAND MIXABLE AND APLLICABLE

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. Temprature 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

	Method	Datas
Chemical structure		Iso component: Isocyanate (MDI) Prepolymer (A) Amine component : 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

CONTENTS A Comp. 3 kg
B Comp. 3 kg

2K POLYURETHANE DILATATION FILLER

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.

TWO COMPONENT | **FAST CURE** | **SELF-LEVELING**

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 ±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	: ≥250% (ASTM D412)
Tensile Strength	: 0,75-1,0 N/mm2 (ASTM D412)
Shore A - Hardness	: 25±5 After 28 days (ASTM C661)
Paintable	: Yes*
Application Temperature	: +5°C to +35°C

PACKAGE

CONTENTS A Comp.: 6 kg + B Comp.: 3 kg = 9 Kg
A Comp.: 10 kg + B Comp.: 5 kg = 15 Kg

1K PUR PRIMER

Transparent, half-elastic, single component polyurethane primer that penetrates to deep. A solvent-based product. It cures with the moisture of the surface and the humidity in the air.

EXCELLENT ADHESION

HALF-ELASTIC

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/mm²	(ASTM D 903)
Heat Resistance	: -20°C and +80 °C	
Application Temperature	: +5 °C and 35 °C	

PACKAGE

CONTENTS 15kg
20kg

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 strenghens 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.

EXCELLENT ADHESION TO DAMP SURFACES

EASY APPLICATION

WEATHER AND WATER RESISTANCE

FEATURES

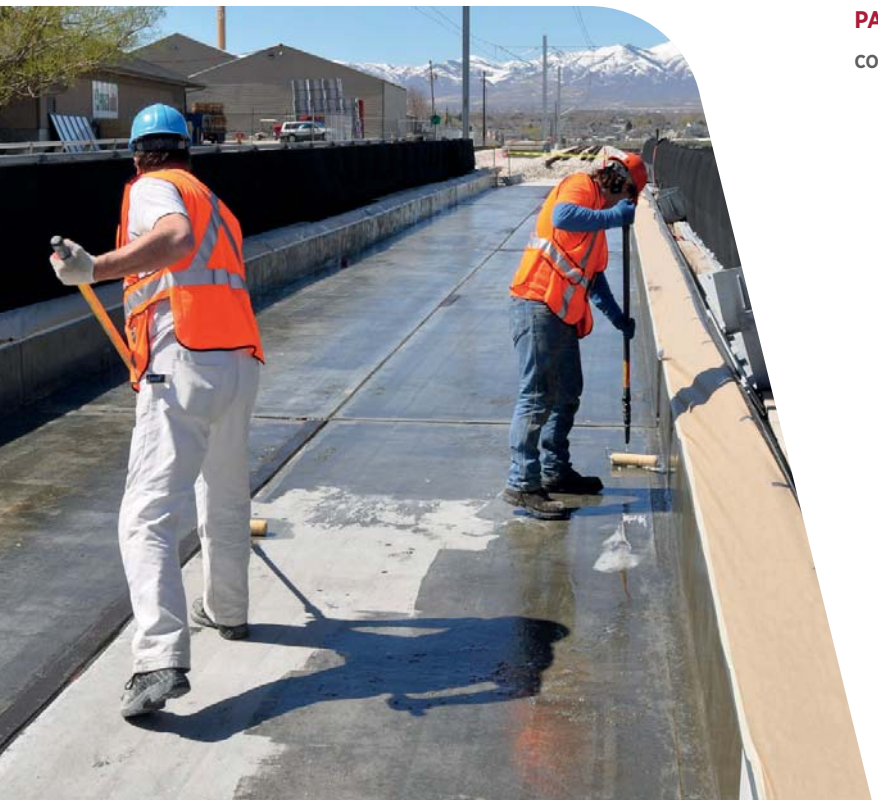
Excellent adhesion and penetration to damp concrete surfaces. Seals pores and capillaries. Perfect resistance to water, freeze, humidity and harsh weather conditions. Can be used indoor and outdoor applications. Economical.

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

CONTENTS A Comp. 16 kg
B Comp. 4 kg

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.

EXCELLENT ADHESION

WATER AND WEATHER RESISTANCE

HIGH PENETRATING PRIMER

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

CONTENTS A Comp. 16 kg
B Comp. 4 kg

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.

CORROSION PROTECTION

EXCELLENT ADHESION TO METAL

HIGH 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/m2/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

CONTENTS A Comp. 15 kg
B Comp. 3 kg

T80

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.

EXCELLENT ADHESION

WATER AND WEATHER RESISTANCE

HIGH PENETRATING PRIMER

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/cm³
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/m²
Shore A Hardness	: 98
Adhesion force (concrete)	: 2,5 N/mm²
Application temperature	: +8 °C and +35 °C

PACKAGE

CONTENTS A Comp. 16 kg
B Comp. 4 kg

W80

Two component, epoxy based primer with excellent corrosion protection properties for use on metal surfaces. It has high structural strength, abrasion and chemical resistance.

CORROSION PROTECTION | **EXCELLENT ADHESION TO METAL** | **HIGH 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/m2/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

CONTENTS A Comp. 15 kg
B Comp. 3 kg

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

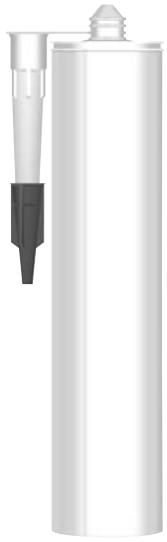
Bonding of EPDM sheets to each other. Sealing between EPDM sheets and many different building surfaces.

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

CONTENTS	600 ml Sausage
PER BOX	12



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.

EXCELLENT ADHESION

WEATHER PROOF

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/m²	
Application Temperature	: +1°C to +30°C	

PACKAGE

CONTENTS	310ml
PER BOX	24

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

CONTENTS	8kg	15kg
PER BOX	1	1

CERTIFICATES

AKKİM YAPI KİMYASALLARI SANAYİ ve TİCARET A.Ş.

Z-155.10-471
Emissionsgeprüftes Bauprodukt nach DIBt-Grundsätzen
Emission tested building product according to DIBt principles

ÉMISSIONS DANS L'AIR INTÉRIEUR
A+
A+ A B C

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 appliccable, durable and elastic adhesive for various substrates.

EXCELLENT BONDING STRENGTH

INTERIOR AND EXTERIOR APPLICATIONS

LONG WORKING AND GEL TIME

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
Covarage (kg/m^2)	:	0,9-1.1 (1 mm thickness)

PACKAGE

CONTENTS 7/1 kg: A Comp.: 21 kg + B Comp.: 3 kg : 24kg
9/1 kg: A Comp.: 18 kg + B Comp.: 2 kg : 20kg

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 materails. Suitable for use in adverse weather conditions.

EXCELLENT BONDING STRENGTH

INTERIOR AND EXTERIOR APPLICATIONS

LONG WORKING AND GEL TIME

FEATURES

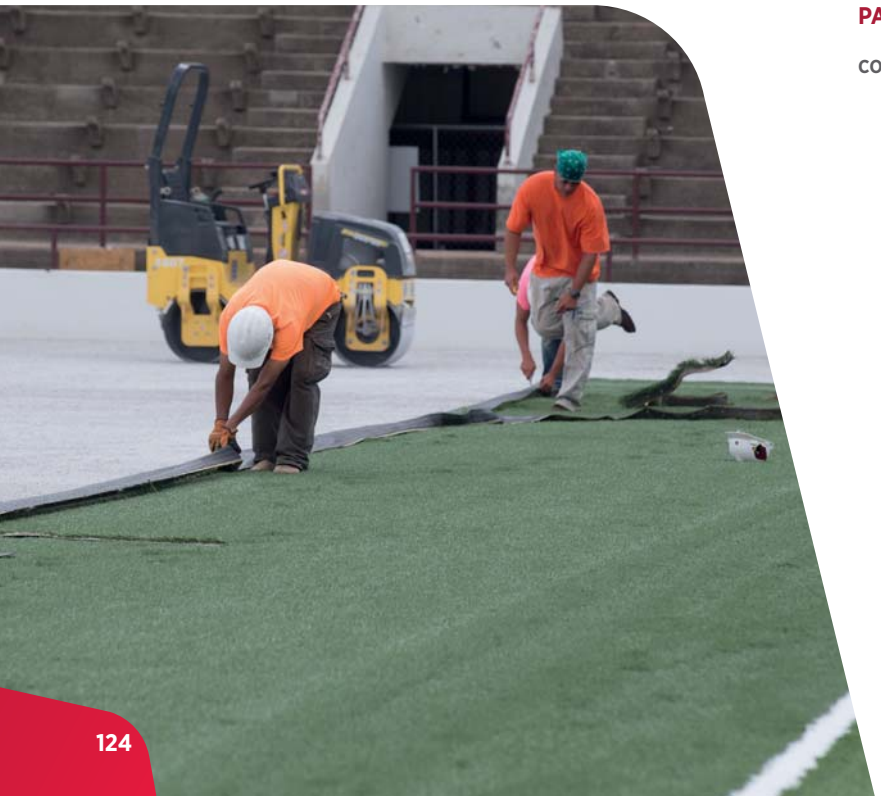
Two component. Excellent bonding to applied surfaces. Suitable for use in adverse weather conditions. Solvent free. No smell. Flexible. Durable.

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
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
Covarage (kg/m^2)	:	0,9-1.1 (1 mm thickness)



PACKAGE

CONTENTS 7/1 kg: A Comp.: 21 kg + B Comp.: 3 kg : 24kg
9/1 kg: A Comp.: 18 kg + B Comp.: 2 kg : 20kg

BINDER PU 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.

ONE COMPONENT | **EXCELLENT ADHESION TO RUBBER GRANULES** | **FAST CURE**

FEATURES

One component. Excellent adhesion on rubber granules. Enhanced UV stability. 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/cm³ (at 25 °C)
% NCO	: 9,5 -11,5
Dust Free Time	: 100-130 min (at 23 °C 50% H)

PACKAGE

CONTENTS 220kg Drums

BINDER PU 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.

ONE COMPONENT

EXCELLENT ADHESION TO RUBBER GRANULES

ENHANCED UV STABILITY

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

CONTENTS 220kg Drums

BINDER PU
ALIPHATIC BINDER

PU RB 103 is a solventless, moisture cure, one component, 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.

EXCELLENT UV AND COLOR STABILITY

EXCELLENT ADHESION TO RUBBER GRANULES

INTERIOR AND EXTERIOR APPLICATIONS

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/cm³)	: 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

CONTENTS 220kg Drums

2K SPRAY FOAM SYSTEM

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.

ONE COMPONENT

EXCELLENT ADHESION TO RUBBER GRANULES

ENHANCED UV STABILITY

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.

PACKAGE

CONTENTS

Akfix SPR 230 (B2 Class; 30 Density)
Comp. A: 250kg + Comp. B: 220kg : 470kg

Akfix SPR 235 (B2 Class; 35 Density)
Comp. A: 250kg + Comp. B: 220kg : 470kg

Akfix SPR 240 (B2 Class; 40 Density)
Comp. A: 250kg + Comp. B: 220kg : 470kg

SOLAR ENERGY AND BOILER SYSTEMS

It is a moulding application polyurethane system. Specially designed for /solar energy system and boiler insulation. Because of its excellent bonding strength, it can adhere to metal with no adhesive.

APPLICATION AREAS

Generally 35-45 kg/m3 density polyurethane systems are used. Since it prevents bacteria growth and it is approved for food contact, specially can be applied for food storage tank insulations.

PACKAGE

CONTENTS

Akfix SLR 235 (B2 Class; 35 Density)
Comp. A: 250kg + Comp. B: 220kg : 470kg

Akfix SLR 240 (B2 Class; 40 Density)
Comp. A: 250kg + Comp. B: 220kg : 470kg

AEROSOL
PRODUCTS

CORROSION INHIBITOR, LUBRICANT AND MULTI PURPOSE PROTECTOR SPRAY

Corrosion Inhibitor, Lubricant and Multi Purpose Protector aerosol 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.

ULTIMATE PENETRATING | **LOOSENS RUST** | **DOES NOT CONTAIN SILICONE**

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

CONTENTS	200ml	400ml	100ml	19 L	30 L	200 L
PER BOX	24/96	24/48	36	1	1	1

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.

QUICKLY EFFECTS

NON-CONDUCTIVE, NON-CORROSIVE,

EVAPORATES QUICKLY

FEATURES

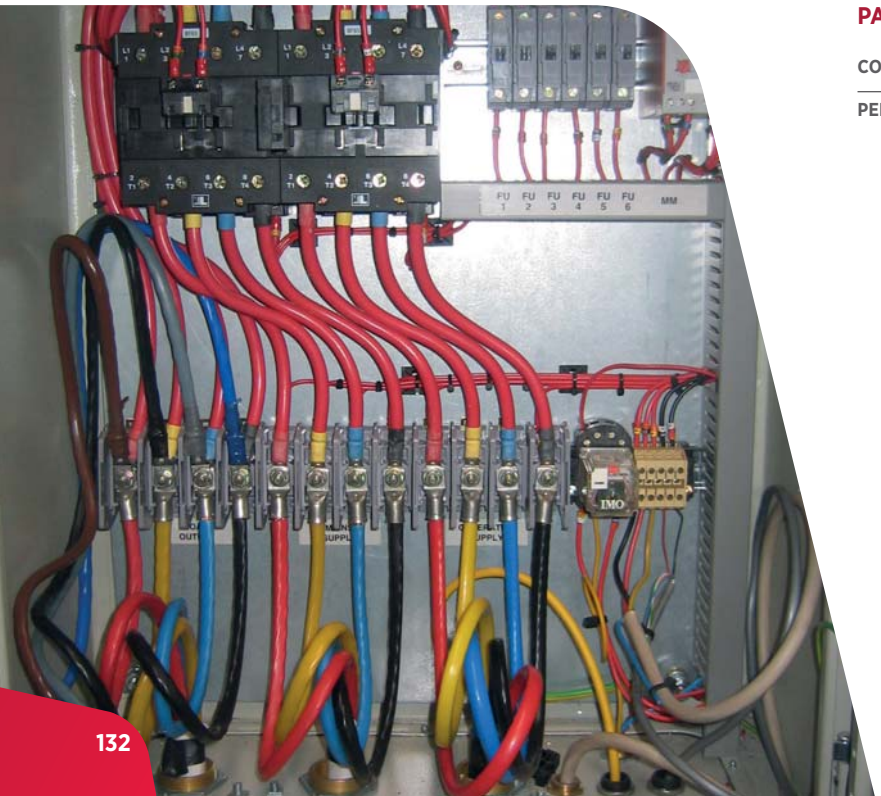
Fast cleaning action for removal of flux traces, light oils, finger prints and other contaminants. Periodic planned application prolongs the life expectancy of components. Non-conductive and non-corrosive. Evaporates completely, with a very thin protective layer. Safe for all metal surfaces, most rubbers, 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
Shelf Life	: 24 months
VOC	: %55



PACKAGE

CONTENTS	200ml	400ml
PER BOX	24	12

PENETRATING OIL SPRAY

High performance penetrating oil enriched with MoS2.

EXCELLENT PENETRATING | **PROTECTS** | **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

CONTENTS	200ml	400ml
PER BOX	24	12

SILICONE LUBRICANT

Silicone based mould release agent. It shows perfect performance even at very high temperatures.

ANTI-STATIC AND ANTI-CORROSIVE | NON-TOXIC | SILICONE BASED

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

CONTENTS	400ml
PER BOX	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.

ANTI-ADHESION

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

CONTENTS	400ml
PER BOX	12

LABEL & STICKER REMOVER

Natural orange oil extract developed for removing labels and stickers nice and easy. It can also be used as the ultimate degreaser because of its superficial solving power.

QUICK AND EASY APPLICATION | **SAFE TO USE** | **CITRUS SMELL**

FEATURES

Directly penetrates to the surface and quickly dissolves adhesive residue from glass and painted surfaces. An easy solution for removing window stickers, bumper stickers, residue from tape, markers, crayons, lipstick, metal parts, motors, tools, printing presses and concrete and others. Safe to use on all nonporous automotive surfaces, metal, paint, bumpers, plastic, and glass windows. Does not damage automotive paint. Can be used to clean the annoying residue from sticky labels. Aerosol spray can allows quick and easy application. Works on many surfaces and has pleasant citrus scent. It also does not contain any CFC propellants, does not damage paintwork or plastics and can be applied to larger areas in minimal time.

APPLICATION AREAS

Safe to use on windows, leather, vinyl, fabric, auto bodies, painted surfaces, tools, plastic, metal and wood.

TECHNICAL FEATURES

Basis	: Citrus Extract
Consistency	: Liquid
Appearance	: Clear to yellow
Specific Gravity	: 0,78 gr/cm^3
Odor	: Mild Citrus
Flash Point	: 24°C
Boiling Point	: N/A

PACKAGE

CONTENTS	200ml
PER BOX	24

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.

AGGRESSIVELY STRIPS EVEN THE TOUGHEST PAINTS

CONVENIENT SPRAY IS EASY TO USE

EASE OF USE SAVES TIME

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

CONTENTS	200ml	400ml
PER BOX	24	12

AUTOMOTIVE

REPAIR, CARE, PROTECTIVE PRODUCTS

MS WINDSHIELD ADHESIVE

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 MS Polymer technology.

SECURE VEHICLE WNDSHIELDS WITHOUT PRE-HEATING

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.

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°Cand %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	: -40oC and +90oC
Application Temperature	: +5oC and +40oC

COLORS

Black

PACKAGE

CONTENTS	290 ml	600 ml Sausage
PER BOX	12	12

CERTIFICATES

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE EN 15651-1

MS POLYMER BY KANEKA

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

SHORE **A55**

www.akkim.net

PU WINDSHIELD ADHESIVE

One component, moisture curing polyurethane based adhesive for direct glazing in AUTOMOTIVE GLASS REPLACEMENT.

HIGH MODULUS | **HIGH MECHANICAL PERFORMANCE** | **FAST CURING**

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.

TECHNICAL FEATURES

BEFORE CURING		
Basis	: Polyurethane	
Consistency	: Thixotropic	
Curing Mechanism	: Moisture Curing	
Density	: 1,13±0,03 g/ml	
Tack free time	: 30±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	
Paintibility	: Yes *	
Elongation at break	: Min. 300%	(ASTM D412)
Tensile Strength	: Min. 4 N/mm^2	(ASTM D412)

COLORS

Black

PACKAGE

CONTENTS	300 ml	600 ml Sausage
PER BOX	24	12

CERTIFICATES

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

CE EN 15651-1

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

SHORE **A55**

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.

"PROMOTES ADHESION POWER SIGNIFICANTLY"

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

COLORS

Black

PACKAGE

CONTENTS	250 ml
PER BOX	12

AUTO KIT FAST ADHESIVE

Two part special set consist of a high viscosity cyanoacrylate adhesive and activator set which is used especially on wood, rubber, most plastics, small glass pieces, leather and other common substrates in the automobile.

DESIGNED FOR SELF REPAIR OF YOUR COMMON AUTOMOBILE PARTS

USABLE IN VERTICAL POSITION

EASY USE, VERY FAST BONDING

FEATURES

Very fast bonding. High adhesive strength. 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

It is suitable for the bonding of a very wide range of materials, including acidic surfaces and some porous ones, where rapid bonding times are required. Repair of the wood, rubber, most plastics, small glass pieces, leather and other common parts in the automobile. Perfect company in daily life for most bonding purposes.

TECHNICAL FEATURES

GLUE

Basis	: Ethyl Cyanoacrylate	
Appearance	: Liquid gel	
Color	: Colorless	
Application Temperature	: +5°C to +35°C	
Density	: 1.06 ± 0.01 gr/cm³	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

COLORS

Black

PACKAGE

CONTENTS	100ml+Gw.25gr	200ml+Gw.65gr	400ml+Gw.125gr
PER BOX	48	12	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.

RESISTS HEAT UP TO 300°C

EXCEPTIONAL RESISTANCE TO TEMPERATURE EXTREMES

100% SILICONE, SOLVENTLESS

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/mm² (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	

COLORS

Grey, Red, Black, Navy Blue

PACKAGE

CONTENTS	310 ml	Gw.85 gr	Gw.50 gr	80ml Sausage
PER BOX	24	20	24	36

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.

EXCELLENT PENETRATION | **NON-STAINING** | **NON CORROSIVE TO METALS**

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

CONTENTS	500ml
PER BOX	12

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

EASY TO USE

DOES NOT CONTAIN FLAMMABLE SOLVENTS

CLEANS AND CARES

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/cm³
Odor	: Characteristic
pH	: 8-9
Shelf Life (20°C)	: 24 months

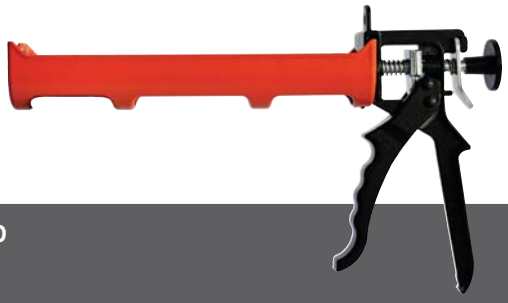
PACKAGE

CONTENTS	500ml
PER BOX	12

ACCESSORIES

XFG04

XFG06



AKT350

AKT351

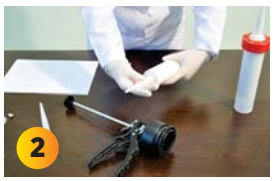
AKT353

AKT121 (400ml)
AKT122 (600ml)

MULTI GUN & REUSABLE CARTRIDGE

Reusable Cartridge Using

Standart Cartridge Using



AKT13M

THE POWER OF

AKKiM

SEALANTS & ADHESIVES

100+

Ülkeye ihracat

30

Ülkede yerel ofis

450

Farklı ürün çeşidi

Oluşturduğumuz ekonomik değer ve sahip olduğumuz bu ölçekle,
büyüyen Türkiye'nin küresel gücü olmaya devam ediyoruz.

www.akkim.net