construction chemicals

catalog of products

Orion

Carina Silicones

Libra

matizol®

Quilosa®

UNIflex

your brand

our technology

Libra Sp. z o.o.

PMI Izolacja – Matizol S.A.

Selena Iberia S.L.U. – Quilosa

Carina Silicones sp. z o.o.

Orion PU sp. z o.o. plant 1

Selena Iberia S.L.U. – Quilosa

PRODUCTION OF SEALANTS AND ADHESIVES
- location: Spain, Quer
- production of adhesives and sealants since 1940
- new plant opened in 2007 with a total area of 33 000 sqm
- one of the largest production capacities of sealants and adhesives in Europe
- paper labels and printed cartridges

PMI Izolacja – Matizol S.A.

PRODUCTION OF BITUMEN MEMBRANES, BITUMEN COMPOUNDS AND ROOF SHINGLES
- location: Poland, Gorlice & Chełmża
- 2 production plants established in 1903
- total plant area of 80 000 sqm
- more than 100 years of experience in the production of roof coatings
- ISO 9001 quality management system
- paper labels and IML (in mould labelling)

Libra Sp. z o.o.

PRODUCTION OF ADHESIVES AND SEALANTS
- location: Poland, Dzierżoniów
- established in 2000
- total plant area of 10000 sqm
- ISO 9001 quality management system
- ISO 14001environmental management standard
- paper labels and labels printed on packaging (lithography and screen printing)

UNIFLEX S.P.A

PRODUCTION OF ACRYLIC SEALANTS
- location: Mezzocorona in the north of Italy
- total plant area 5000 sqm
- established in 1996
- Italian leader specialising in the production of acrylic sealants – wide range of commodity and specialised products
- focus on environment and consumer protection - certifications Blue Angel and EMICODE EC1 Plus
- cartridges printed in IML technology

your brand
our technology

Orion PU sp. z o.o. plant 2

Production of PU-Foams, Sealants, Adhesives and Waterproofing Compounds

modern, automated production facilities

broad range of product formulas, customized to market needs

products addressed to building professionals, DIY users and industry

research & development units working on product innovations

wide range of packaging types and equipment

development of label design

Carina Silicones sp. z o.o.

PRODUCTION OF SEALANTS
- location: Poland, Siechnice
- established in 1996
- total plant area of 11 500 sqm
- the only sealant manufacturer in Europe with an in-house printing facility
- paper labels and labels printed on cartridges (screen printing)
- broad range of sealant colours

Orion PU sp. z o.o.

PRODUCTION OF POLYURETHANE FOAMS & ADHESIVES
- location: Poland, Dzierżoniów & Nowa Ruda
- 2 production plants established in 1999 and 2008
- total plant area: Dzierżoniów 15 000 sqm, Nowa Ruda 44 000 sqm
- ISO 9001 quality management system
- innovations in polyurethane foam technology
- caps and straws in RAL-colours
- paper labels and labels printed on cans (lithography)

Orion, Carina, Libra, Matizol & Selena Iberia-Quilosa are members of Selena Group

your brand
our technology

foams

Gun and straw PU-foams

Winter and all-season formulas

High-yield and low-expansion
PU-foams

Specialist and general use PU-foams

B1, B2 and B3 fire rating

Foam adhesives

Polyurethane bricklaying mortar

PU cleaners

LOW MDI B2 PU – foams
Gun and Straw

POLYURETHANE FOAMS

We offer very wide range of the PU foams (most of our formulas meet the requirements of certificate "EMICODE EC1 PLUS" - very low emission level of volatile organic compounds and M1 – lowest voluntary emission):
- Gun, Straw or Multiposition PU foams in Premium, Standard or Economical versions
- Summer, Winter and All-season PU foams
- B1, B2 and B3 fire class PU foams
- Special PU foams, like below:

High Yield 65 Gun PU Foam

Designed for a wide range of building applications: mounting, sealing, filling and insulating. Provides an outstanding yield – up 65l. Provides good adhesion to most building materials.

APPLICATION:
- mounting window and door frames – highly recommended
- insulation of the window sills
- soundproofing and sealing partition walls
- sealing of water-pipe network, central heating and air condition units

BENEFITS / FEATURES:
- extremely high yield – up to 65l
- high acoustic insulation $R_{ST,W}$ = 61dB
- very low post-expansion
- low tension – does not bend window frames
- high thermal insulation
- interior or exterior use

Parameters

Colour:	pale yellow
Application temperature:	+5°C to +30°C (optimal +20°C)
Can temperature:	+10°C to +30°C
Post Expansion:	70 –100 %
Cutting time:	≤ 30 min
Yield (750 ml):	55 to 65 l
Fire rating:	B3/ F (DIN 4102/ EN 13501)
Shelf life:	12 months

Winter High Yield 65 Gun PU Foam

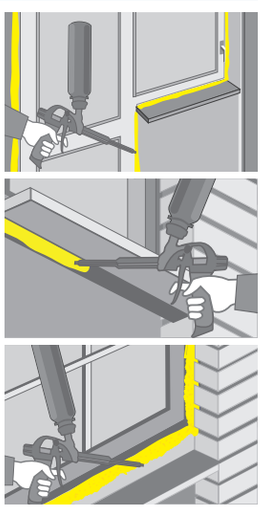
Available new version workable in -20°C.
Designed for a wide range of building applications: insulating, mounting bonding, soundproofing and sealing at ambient temperature from -10°C **or -20°C**. Provides yield up to 65 l from a 750 ml net content. Provides good adhesion to most popular building materials.

APPLICATION:
- mounting window and door frames – highly recommended
- insulation of the window sills
- soundproofing and sealing partition walls
- sealing of water-pipe network, central heating and air condition units

BENEFITS / FEATURES:
- extremely high yield – up to 65 l
- high acoustic insulation $R_{ST,W}$ = 61dB
- very low post-expansion
- low tension – does not bend window frames
- high thermal insulation
- interior or exterior use

Parameters

Colour:	pale yellow
Application temperature:	-10°C to +30°C (optimal +20°C)
NEW VERSION:	**-20°C to +30°C** (optimal +20°C)
Can temperature:	0°C to +30°C
NEW VERSION:	**+5°C to +30°C** (optimal +20°C)
Post Expansion:	80 – 100 %
Cutting time:	≤ 30 min
Yield (750 ml):	55 to 65 l
Fire rating:	B3/ F (DIN 4102/ EN 13501)
Shelf life:	12 months



Net content	Packaging	Units per box	Units per pallet
750 ml	can	12	624

Low Expansion Gun PU Foam

Recommended for sealing, filling and insulating around window and door frames. Thanks to a modern chemical composition product provides low pressure, minimal expansion and it does not run off from vertical surfaces. Cured product provides excellent thermal and acoustical insulation.

APPLICATION:
- mounting window and door frames – recommended
- insulation of the window sills
- filling gaps in building construction
- sealing of water-pipe network, central heating and air-condition units
- soundproofing partition walls

BENEFITS / FEATURES:
- low post expansion
- low pressure formula – does not deform window and door frames during application
- high yield – up to 55 l (750 ml)
- high acoustic insulation $R_{ST,W}$ = 60 dB
- high thermal insulation properties
- excellent physical properties and superior foam structure
- interior or exterior use

Parameters

Colour:	pale yellow
Application temperature:	+5°C to +30°C (optimal +20°C)
Can temperature:	+10°C to +30°C
Post Expansion:	30 – 60 %
Cutting time:	≤ 40 min
Yield (750 ml):	45 to 55 l
Fire rating:	B3/ F (DIN 4102/EN 13501)
Shelf life:	12 months

Winter Low Expansion Gun PU Foam

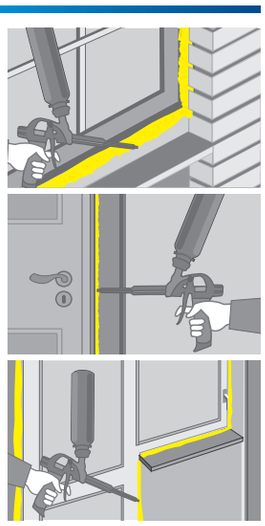
Recommended for sealing, filling and insulating around window and door frames. Thanks to a modern chemical composition product provides low pressure, minimal expansion and it does not run off from vertical surfaces. Cured product provides excellent thermal and acoustical insulation.

APPLICATION:
- mounting window and door frames – recommended
- insulation of the window sills
- filling gaps in building construction
- sealing of water-pipe network, central heating and air-condition units
- soundproofing partition walls

BENEFITS / FEATURES:
- application at ambient temp. from -10°C
- low post expansion
- low pressure formula – does not deform window and door frames during application
- high yield – up to 55 l (750 ml)
- high acoustic insulation $R_{ST,W}$ = 60 dB
- high thermal insulation properties
- excellent physical properties and superior foam structure
- interior or exterior use

Parameters

Colour:	pale yellow
Application temperature:	-10°C to +30°C (optimal +20°C)
Can temperature:	+5°C to +30°C
Post Expansion:	40 – 70 %
Cutting time:	≤ 40 min
Yield (750 ml):	45 to 55 l
Fire rating:	B3/ F (DIN 4102/EN 13501)
Shelf life:	12 months



Net content	Packaging	Units per box	Units per pallet
750 ml	can	12	624

All parameters measured in compliance with our internal standards – collected in standardized conditions: ambient and can temperature 23°C; relative humidity RH 50% after 24h stabilization.
CFC- and HCFC-free propellants (ozone-friendly).

B1 Fire Retardant Straw PU Foam

Designed for a wide range of building applications where fire resistance is required. Meets the standards of B1 fire rating according to DIN 4102 Part 1 and ET 240 according to EN 13501-2. Once cured, it ensures a good thermal and acoustic insulation.

APPLICATION:
- fire-retardant mounting of window and door frames
- fire- and smoke-retardant sealing of all openings in walls, floors and roofs
- other applications where fire-retardant properties are required

BENEFITS / FEATURES:
- up to 240 minutes fire protection
- excellent seal against smoke and gas
- high adhesion to most building materials

Parameters

Colour:	grey or pink
Application temperature:	+10°C to +30°C (optimal +20°C)
Can temperature:	+10°C to +30°C
Cutting time:	≤ 60 min
Yield (750 ml):	up to 42 l
Fire rating:	B1 (DIN 4102)
Flame resistance:	EI 240 (EN 13501-2)
Reaction to flame:	Bs1,d0 (EN 13501-1)
Shelf life:	12 months

B1 Fire Retardant Gun PU Foam

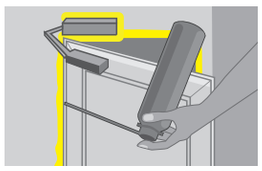
Designed for a wide range of building applications: mounting, sealing, filling and insulating. Meets the standards of B1 fire rating according to DIN 4102 Part 1 and EI 240 according to EN 13501-2. Application with a gun guarantees precision, speed and increases foam efficiency.

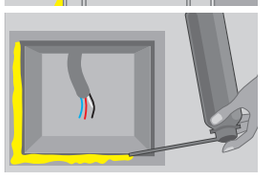
APPLICATION:
- fire-retardant mounting of window and door frames
- fire- and smoke-retardant sealing of all openings in walls, floors and roofs
- other applications where fire-retardant properties are required

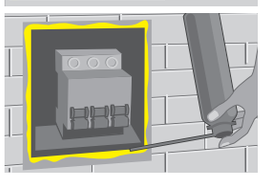
BENEFITS / FEATURES:
- up to 240 minutes fire protection
- excellent seal against smoke and gas
- high adhesion to most building materials
- excellent physical properties

Parameters

Colour:	grey or pink
Application temperature:	+10°C to +30°C (optimal +20°C)
Can temperature:	+10°C to +30°C
Cutting time:	≤ 40 min
Yield (750 ml):	up to 42 l
Fire rating:	B1 (DIN 4102)
Flame resistance:	EI 240 (EN 13501-2)
Reaction to flame:	Bs1,d0 (EN 13501-1)
Shelf life:	12 months







Net content	Packaging	Units per box	Units per pallet Straw / Gun
750 ml	can	12	624 / 780

Energy Saving Gun PU Foam

Is a perfect solutions for energy-efficient building. It eliminates thermal bridges efficiently and reduces heat loss in window and door insulation. High insulation performance results from a combination of several parameters which were tested and proven to define the energy efficiency of foam.

APPLICATION:
- mounting window and door frames – recommended
- insulation of the window sills
- filling gaps in building construction

BENEFITS / FEATURES:
- short cutting time
- low post expansion
- low pressure formula – does not deform window and door frames during application
- high adhesion to PVC and wood
- high thermal insulation properties
- excellent physical properties and superior foam structure interior or exterior use

ENERGY PARAMETERS:
- heat conductivity coefficient (λ) 0,033 [W/m*k]
- air permeability class 4
- air permeability coefficient a < 0,01
- watertightness class E (1800)
- coefficient of water vpour resistance [μ] 16

Parameters

Colour:	pale yellow
Application temperature:	+5°C to +30°C (optimal +20°C)
Can temperature:	+5°C to +30°C
Post Expansion:	60 – 90 %
Cutting time:	≤ 30 min
Yield (500 ml):	38 to 45 l
Fire rating:	B3/ F
Shelf life:	12 months

PVC High Yield Multiposition Straw PU Foam

Product with wide range of building applications: mounting, sealing, filling and insulating. Thanks to modern formula provides 30% higher yield and multiposition function. Low pressure formulation prevents bowing of window frames and low post expansion guarantees economical use.

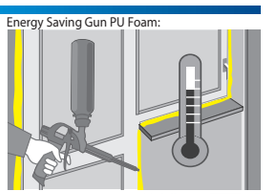
APPLICATION:
- mounting window and door frames
- insulation of water-pipe network, sewerage, central heating and air-condition units
- insulation prefabricated wood elements in frame constructions
- soundproofing partition walls

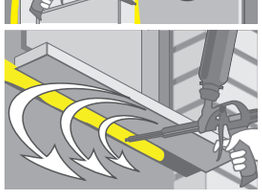
BENEFITS / FEATURES:
- high yield – up to 60l (750 ml)
- working throughout the year – application temperatures from -10°C up to +30°C
- low pressure formula – does not bow window frames
- multiposition application
- low post expansion

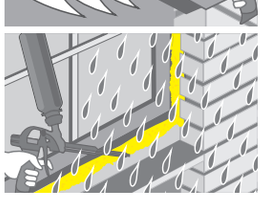
Parameters

Colour:	pale yellow
Application temperature:	-10°C to +30°C (optimal +20°C)
Can temperature:	+5°C to +30°C
Post Expansion:	130 – 180 %
Cutting time:	≤ 40 min
Yield (750 ml):	58 to 60 l
Yield (500 ml):	38 to 40 l
Yield (300 ml):	18 to 20 l
Fire rating:	B3/F (DIN 4102/ EN 13501)
Shelf life:	12 months

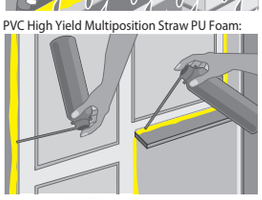
Energy Saving Gun PU Foam:

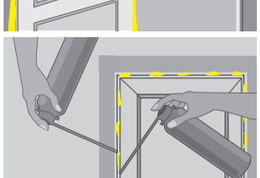


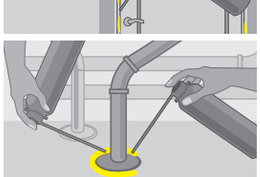




PVC High Yield Multiposition Straw PU Foam:







Net content Energy Saving	Packaging	Units per box	Units per pallet
500 ml	can	12	780

Net content PVC HYM	Packaging	Units per box	Units per pallet
750 ml	can	12	624
500 ml	can	12	780
300 ml	can	12	936

All parameters measured in compliance with our internal standards – collected in standardized conditions: ambient and can temperature 23°C; relative humidity RH 50% after 24h stabilization.
CFC- and HCFC-free propellants (ozone-friendly).

Safety Valve Straw B3 PU Foam

Recommended for a wide range of building applications: mounting, sealing, filling and insulating. New generation valve guarantees excellent performance in difficult storage and transportation conditions and foam reusability up to two months from first application.

APPLICATION:
- filling wide, irregular gaps and openings
- insulation of water-pipe network, sewerage, central heating and air-condition units
- insulation prefabricated wood elements in frame constructions
- soundproofing partition walls

BENEFITS / FEATURES:
- reusable Valve
- yield up to 40 l
- expands up to 240% – excellent filling properties
- high thermal and acoustic insulation

Parameters

Colour:	pale yellow
Application temperature:	+5°C to +30°C (optimal +20°C)
Can temperature:	+15°C to +30°C
Post Expansion:	190 – 240 %
Cutting time:	≤ 60 min
Yield (750 ml):	35 to 40 l
Fire rating:	B3/F (DIN 4102/ EN 13501)
Shelf life:	12 months

Safety Valve Straw B2 PU Foam

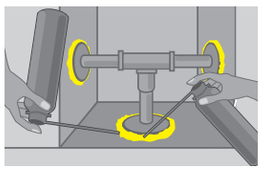
Recommended for a wide range of building applications: mounting, sealing, filling and insulating. New generation valve guarantees excellent performance in difficult storage and transportation conditions and foam reusability up to two months from first application.

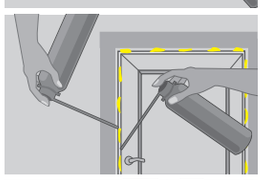
APPLICATION:
- filling wide, irregular gaps and openings
- insulation of water-pipe network, sewerage, central heating and air-condition units
- insulation prefabricated wood elements in frame constructions
- soundproofing partition walls

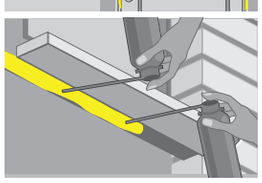
BENEFITS / FEATURES:
- B2 fire rating (DIN 4102)
- reusable Valve
- Multiposition application
- yield up to 40 l
- expands up to 240% – excellent filling properties
- high thermal and acoustic insulation

Parameters

Colour:	pale yellow
Application temperature:	+5°C to +30°C (optimal +20°C)
Can temperature:	+15°C to +30°C
Post Expansion:	190 – 240 %
Cutting time:	≤ 60 min
Yield (750 ml):	35 to 40 l
Fire rating:	B2 (DIN 4102)
Shelf life:	12 months







Net content	Packaging	Units per box	Units per pallet B3 / B2
750 ml	can	12	780 / 624

Flexi Gun B2 PU Foam

Recommended for sealing and insulating around windows, door frames, sealing roof, wall and floor joints in frame constructions. Is a perfect solutions for filling and sealing gaps vulnerable to dimensional and geometry change. Thanks to modern formula product provides flexibility.

APPLICATION:
- mounting window and door frames
- sealing roof, wall and floor joints in frame constructions
- filling and sealing gaps vulnerable to dimensional and geometry change

BENEFITS:
- flexibility/return flexible
- foam volume increase (postexpansion)
- foam flammability-increased

Parameters

Colour: yellow	
Application temperature:	-10°C to +35°C (optimal +20°C)
Can temperature:	+5°C to +35°C (optimal +20°C)
Cutting time:	≤ 30 min.
Fire rating:	B2 (DIN 4102)
Shelf life:	12 months

2KA Twist B2 Pu Foam

Recommended for sealing and insulating around windows, door frames. For mounting, soundproofing and isolation of shower trays and bathtubs. Dedicated for mounting treads and risers of the stairs, windows sills and thresholds insulation.

APPLICATION:
- sealing for door fitting
- mounting, soundproofing and isolation of shower trays and bathtubs
- mounting treads and risers of the stairs
- window sills and thresholds insulation.

BENEFITS:
- foam volume increase (postexpansion)
- cure time
- foam density
- mechanical strength
- B2 foam flammability

Parameters

Colour:	blue
Application temperature:	+10°C to +25°C (optimal +20°C)
Can temperature:	+10°C to +25°C (optimal +20°C)
Cutting time:	≤ 15 min.
Fire rating:	B2 (DIN 4102)
Shelf life:	12 months

Cleaner

Cleaner – designed for removing uncured polyurethane foams or adhesives. Useful for cleaning can valves and PU foam gun applicators. Can be used with regular cans due to its attachable spray nozzle. Suitable for removing uncured foam residue. Excellent for degreasing metal surfaces before the application of silicone and polyurethane. Contains an ozone-friendly propellant.

APPLICATION:
- dissolving uncured one-component polyurethane foams and adhesives
- cleaning dispensing equipment
- degreasing metal surfaces prior to the application of silicones or foams

BENEFITS / FEATURES:
- excellent for removing uncured polyurethane foams and adhesives
- suitable for cleaning gun applicators and gun valves
- suitable for cleaning can valves
- designed for multiple use
- shelf life – 36 months

Net content	Packaging	Units per box	Units per pallet
500 ml	can	12	780

All parameters measured in compliance with our internal standards – collected in standardized conditions: ambient and can temperature 23°C; relative humidity RH 50% after 24h stabilization.
CFC- and HCFC-free propellants (ozone-friendly).

Gun PU Foam Adhesive for External Thermal Insulation

An adhesive recommended for fixing, repairing and bonding internal and external insulation in vertical and horizontal applications. It demonstrates excellent adhesion to popular building materials: expanded polystyrene boards (EPS), extruded polystyrene boards (XPS), polyurethane boards (PUR, PIR), cardboards, cellulose, mineral and glass wool, wood, cork and PVC to most of the construction surfaces: cellular concrete and ceramist blocks, metal (steel), stone, ceramic elements, silicate.

APPLICATION:
- designed for fixing and bonding external and internal insulation and decoration elements
- applicable with external thermo Insulate systems
- excellent for sealing gaps between insulation elements

BENEFITS / FEATURES:
- wide range of external and internal applications
- strong and durable adhesion to most common building materials and construction surfaces
- improves work time efficiency
- cost-effective – high yield
- increases thermal insulation – reduces thermal bridges

Parameters

High coverage efficiency:	up to 10 m² (insulation surface) /30-35 running meters
Very wide application temperature range: +5°C to 30°C	
Can temperature:	+10°C to 30°C
Open time:	≤ 5 min.
Correction time:	≤ 15 min.
Full cure time:	24 h
Minimum anchoring time:	2 h
Coefficient of thermal conductivity (λ): <0,036 W/mK	
Fire rating: B3/F (DIN 4102/EN13501-1:2008)	
Shelf life:	12 months

B1 Fire retardant Gun PU Foam Adhesive for External Thermal Insulation

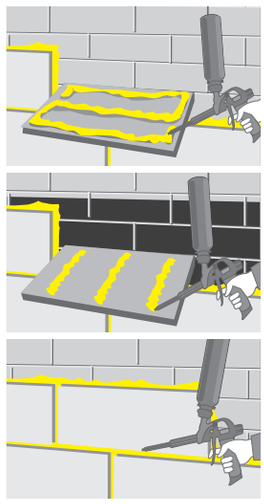
Gun PU Adhesive for external thermal insulation is an adhesive designed to fix EPS and XPS boards to facade walls, roof and foundations during the external thermal insulation of buildings where higher flame classification of the system components is required. The adhesive is compatible with all External Thermal Insulation Systems (ETICS) available on the market used with foamed polystyrene especially. Wide range of adhesion and elasticity ensures strong bonding.

APPLICATION:
- for the insulation of upper storeys (depending on the local construction regulations)
- bonding insulation elements in the insulation of the facade walls, roofs and foundations
- compatible with External Thermal Composite Insulate Systems (ETICS)
- excellent for sealing gaps between insulation elements

BENEFITS / FEATURES:
- strong, durable and certified adhesion to foamed polystyrene and other typical construction materials
- increases thermal insulation – reduces thermal bridges
- speeds up and facilitates insulation
- cost-effective – high yield
- low pressure formulation

Parameters

High coverage efficiency:	up to 14 m² (insulation surface)
Very wide application temperature range:	0°C to 30°C
Can temperature:	+10°C to 30°C
Open time:	≤ 5 min.
Correction time:	≤ 15 min.
Full cure time:	24 h
Minimum anchoring time:	2 h
Coefficient of thermal conductivity (λ):< 0,036 W/mK	
Fire rating:	B1 (DIN 4102) * E (MSZ EN 13501-1:2007)**
Shelf life:	12 months



Net content	Packaging	Units per box	Units per pallet GUN PU / B1 FR
750 ml	can	12	624 / 780

The product complies with European Technical Approval Guidelines – ETAG 004;
* MPA Bau Hannover P-NDS04-832; ** ÉMI Nonprofit Kft. Budapes Hungary

Universal Straw PU Foam-Adhesive

An adhesive recommended for fixing, repairing and bonding internal and external insulation in vertical and horizontal applications. It demonstrates excellent adhesion to popular building materials: expanded polystyrene boards (EPS), extruded polystyrene boards (XPS), polyurethane boards (PUR, PIR), cardboards, cellulose, mineral and glass wool, wood, cork and PVC to most of the construction surfaces: cellular concrete and ceramist blocks, metal (steel), stone, ceramic elements, silicate.

APPLICATION:
- designed for fixing and bonding external and internal insulation and decoration elements
- applicable with external thermo Insulate systems
- excellent for sealing gaps between insulation elements

BENEFITS / FEATURES:
- wide range of external and internal applications
- strong and durable adhesion to most common building materials and construction surfaces
- improves work time efficiency
- cost-effective – high yield
- increases thermal insulation – reduces thermal bridges

Parameters

High coverage efficiency:	up to 10 m² (insulation surface) /30-35 running meters
Very wide application temperature range: +5°C to 30°C	
Can temperature:	+10°C to 30°C
Open time:	≤ 5 min.
Correction time:	≤ 15 min.
Full cure time:	24 h
Minimum anchoring time:	2 h
Coefficient of thermal conductivity (λ): <0,036 W/mK	
Fire rating: B3/F (DIN 4102/EN13501-1:2008)	
Shelf life:	12 months

Universal Gun PU Foam-Adhesive

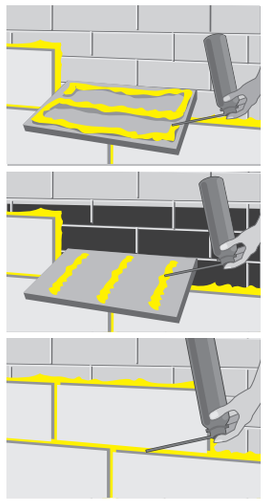
Gun Pu Adhesive for external thermal insulation is an adhesive designed to fix EPS and XPS boards to facade walls, roof and foundations during the external thermal insulation of buildings. The adhesive is compatible with all External Thermal Insulation Systems (ETICS) available on the market used with foamed polystyrene especially. Wide range of adhesion and elasticity ensure strong bonding.

APPLICATION:
- bonding insulation elements in the insulation of facade walls, roofs and foundations
- compatible with External Thermal Composite Insulate Systems (ETICS)
- excellent for sealing gaps between insulation elements

BENEFITS / FEATURES:
- strong, durable and certified adhesion to foamed polystyrene and other typical construction materials
- increases thermal insulation– reduces thermal bridges
- speeds up and facilitates insulation work
- cost-effective – high yield
- low pressure formulation

Parameters

High coverage efficiency:	up to 14 m² (insulation surface)
Very wide application temp. range:	0°C to 30°C
Can temperature:	+10°C to 30°C
Open time:	≤ 5 min.
Correction time:	≤ 15 min.
Full cure time:	24 h
Minimum anchoring time:	2 h
Coefficient of thermal conductivity (λ): < 0,036 W/mK	
Fire rating:	B3/F (DIN 4102/ EN 13501)
Shelf life:	12 months



Net content	Packaging	Units per box	Units per pallet
750 ml	can	12	624

All parameters measured in compliance with our internal standards – collected in standardized conditions: ambient and can temperature 23°C; relative humidity RH 50% after 24h stabilization.
CFC- and HCFC-free propellants (ozone-friendly).

Bricklaying Gun PU Mortar

Thin bed mortar is based on polyurethane foamed mass which cures in reaction with moisture. The product is designed for bonding construction materials in bricklaying. It can be used for bricklaying perimeter walls as well as partition walls. Product was designed for use with calibrated cellular concrete (TLMB class) and calibrated ceramic bricks (Tm deviation category).

APPLICATION:

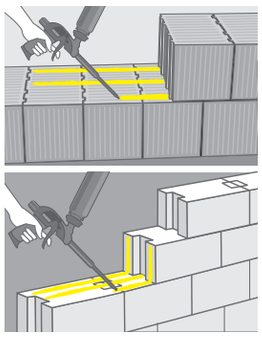
For building of single family house or multi-family housing: construction and partition walls build with cellular concrete blocks or polished ceramic blocks.

BENEFITS / FEATURES:

- speeds up bricklaying work
- eliminates thermal bridges
- easy and convenient use
- total cost reduction

Technical parameters

Ambient temperature (surface and air):	from -10°C up to +30°C
Can temperature:	from +10°C up to +30°C
Maximum open time:	<3 min
Correction time:	<15 min
Full setting time:	<30 min
Thermal conductivity:	0,036 W/mK
Shelf life:	12 months



	Polished Ceramic Blocks	Cellular Concrete Blocks
Adhesion (Tensile strength)	≥120 kPa	≥260 kPa
Adhesion (Tensile strength) after 20 freezing/ thawing cycles	≥100 kPa	≥210 kPa
Compression Strength	≥ 0,5 MPa	≥ 0,7 MPa
Bending Tensile Strength: destruction in the plane perpendicular to the supporting joints	≥ 0,15 MPa	≥ 0,3 MPa
destruction in a plane parallel to the supporting joints	≥ 0,1 MPa	≥ 0,2 MPa
Shear Strength	≥ 0,8 MPa	≥ 0,1 MPa

Yield: length of bead up to 60 lm

Bricklaying Gun Pu Mortar theoretical yield calculation			
Material	Number of beads	Horizontal application only	Horizontal and vertical application
	[pc]	Wall surface	Wall surface
AAC Gazobeton	1	10 – 12 m^2	8 – 9 m^2
	2	5 – 6 m^2	3 – 4 m^2
Calibrated Ceramic Bricks	1	5 – 6 m^2	4 – 4,5 m^2
	2	2,5 – 3m^2	1,5 – 2 m^2

Net content	Packaging	Units per box	Units per pallet
750 ml	can	12	624

* final yield depends on temperatures, humidity, distance between foamed polystyrene and wall and chosen method of covering the bricks/ blocks – only horizontal or adding vertical coverage and depend on thickness of bricks
** the final bead diameter to 3,5 cm , initial bead 2,5–3 cm

Quick Foam Adhesive

Multipurpose construction adhesive with high adhesion to many materials and substrates.

APPLICATION:

- high adhesion to many materials and substrates

BENEFITS:

- adhesion to building materials surface
- wide application temperature range
- effectivity of preparation
- effectivity of application
- thermal bridges elimination
- clean technology
- adhesion preassure

Parameters

Colour:	yellow
Application temperature:	0°C to +35°C (optimal +20°C)
Can temperature:	+5°C to +35°C (optimal +20°C)
Fire rating:	B3 (DIN 4102)
Shelf life:	12 months

Flat Roof Foam Adhesive

One component roofing PU adhesive for installation flat roof insulation.

APPLICATION:

- for bonding styrofoam boards, XPS, thermal insulation of ceilings both new and thermos undergoing renovations.

BENEFITS:

- adhesion to building materials surface
- wide application temperature range
- effectivity of preparation
- effectivity of application
- thermal bridges elimination
- clean technology

Parameters

Colour:	yellow
Application temperature:	+5°C to +30°C (optimal +20°C)
Can temperature:	+5°C to +30°C (optimal +20°C)
Correction time	≤ 15 min.
Flammability class:	B3 (DIN 4102)
Shelf life:	12 months

All parameters measured in compliance with our internal standards – collected in standardized conditions: ambient and can temperature 23°C; relative humidity RH 50% after 24h stabilization.
CFC- and HCFC-free propellants (ozone-friendly).

sealants

ACETOXY SILICONES (universal, sanitary, glazing, special)

NEUTRAL SILICONES (oxim, alcoxy)

ACRYLICS (professional, standard, sanitary)

PU-SEALANTS

MS POLYMERS AND HYBRIDS

RUBBER BASED SEALANTS

BITUMEN BASED AND ROOF SEALANTS

SEALANTS

In our range there are many different types of Sealants, that are available in different versions (premium, standard or economical) and could be colored or packed upon the customer's request.

ACETOXY SILICONES

UNIVERSAL ACETOXY SILICONES
for wide range of applications

Acetoxy silicones are high quality, one-component sealants that cure exposed to moisture. Can be used without primer both for interior and exterior applications. The products shows good adhesion to most non-porous building substrates like: glass, glazing tiles, ceramics, coated surfaces, wood and aluminum. They provides excellent resistance to water, chemicals, weathering, ageing and changing weather conditions. Performance characteristics vary, depending on the type and amount of polymer and other ingredients.

APPLICATION:
- sealing in general building works
- filling, bonding and protecting surfaces against moisture and air penetration
- sealing of connection and expansion joints
- sealing around door and window frames
- protecting PU-foam against sunlight

benefits / features:
- UV radiation and age resistant joints
- very good adhesion to non-porous surfaces
- wide range of sealing application
- durable, flexible and strong seal
- glossy and smooth surface after curing
- fast curing and bonding
- permanent colours

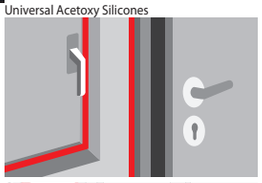
SANITARY ACETOXY SILICONES
for sealing in places with high humidity

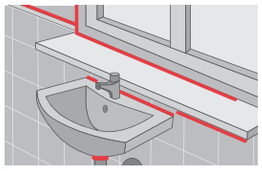
Sanitary Silicones – high quality, one-component sealants containing fungicides with a acetoxy curing system.
They provide barrier protection against mold, mildew, fungus growth. Recommended for applications in kitchens and bathrooms as well as other rooms with increased humidity. It has excellent adhesion to most building materials: glass, glazing tiles, ceramics, coated surfaces, wood and most plastics. Performance characteristics vary, depending on the type and amount of polymer and other ingredients.

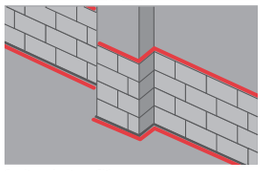
APPLICATION:
- sealing connections around baths, sink, washbasins, shower cabins and pools
- pointing joins in tiles and corner connections
- sealing water supply and sewerage systems, pvc pipes
- sealing in cold storage rooms, containers and air condition systems
- connections around sinks, bathtubs, washbasins, showers, cabins and pools
- sealing applications where low odour is required
- expansion joint sealing of precast concrete, brickwork and stone

BENEFITS / FEATURES:
- fungicides contents
- very good adhesion to many building materials
- no discolouration over years
- durable, flexible and strong seal
- glossy and smooth surface after curing
- no primer required

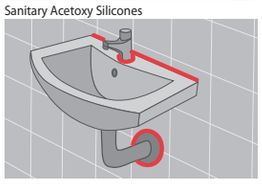
Universal Acetoxy Silicones

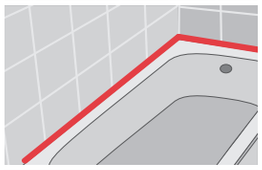


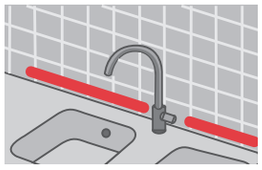




Sanitary Acetoxy Silicones







Net content	Packaging	Units per box	Units per pallet
280-310 ml	cartridge	12	1440
600 ml	foil	25	1000

Professional Universal Acetoxy Silicone CSS 633

● INDUSTRY & PROFESSIONAL RANGE

Parameters

Colours: transparent, white, brown, grey, black	
Skin formation time:	15 - 25 min.
Curing rate:	2 mm / 1 day
Modulus @100% elongation:	0,35 MPa
Movement accommodation:	±20%
Hardness Shore A:	20
Temperature resistance:	-40°C ÷ +100°C

Professional Sanitary Acetoxy Silicone CSS 633s

● PROFESSIONAL RANGE

Parameters

Colours: transparent, white, brown, grey, black	
Skin formation time:	15 – 25 min.
Curing rate:	2 mm / 1 day
Modulus @100% elongation:	0,35 MPa
Movement accommodation:	±20%
Hardness Shore A:	20
Temperature resistance:	-40°C ÷ +100°C

Standard Universal Acetoxy Silicone CSS 634

● PROFESSIONAL RANGE & DIY

Parameters

Colours: transparent, white, black, grey, beige, brown	
Skin formation time:	5 - 30 min.
Curing rate:	2 - 3 mm / 1 day
Modulus @ [Mpa] ISO 8339:	0,40 ± 0,05
Movement accommodation [%] ISO 9047:	20
Elongation at break [%] ISO 8339:	200 ± 50
Shore A Hardness ISO 868:	21 ± 3
Movement Accommodation [%] ISO 9047:	20
Temperature resistance [°C]	-40 - +100

Standard Sanitary Acetoxy Silicone CSS 634s

● PROFESSIONAL RANGE & DIY

Parameters

Colours: transparent, white, black, grey, beige, brown	
Skin formation time [min]	5 – 30
Curing time [mm/24h]	2 – 3
Modulus @ [Mpa] ISO 8339	0,40 ± 0,05
Movement accommodation [%] ISO 9047:	20
Elongation at break [%] ISO 8339:	200 ± 50
Shore A Hardness ISO 868:	21 ± 3
Movement Accommodation [%] ISO 9047:	20
Temperature resistance [°C]:	-40 - +100

INNOVATIVE SANITARY ACETOXY SILICONES

Quick Effect Sanitary Acetoxy Silicone LBS 623

● PROFESSIONAL RANGE

Acetoxy silicone is one-component, elastic sealant curing under the influence of humidity from the air, intended for sealing and grouting joints and to protect against moisture.

APPLICATION:
- sealing baths, hand basins, showers, sinks and other sanitary facilities and other water supply equipment
- sealing of ceramic tiles small home repairs

BENEFITS / FEATURES:
- reaches water resistance after only 100 minutes from application
- excellent resistance to mould and fungus
- fast curing rate
- high resistance to UV radiation
- good aging resistance low shrinkage

Parameters

Application temperature:	+5 ÷ +40°C
Surface temperature:	+5 ÷ +40°C
Temperature resistance:	-40 ÷ +100°C
Shelf Life:	24 months

Sanitary Acetoxy Silicone UPG (Upper Protection Grade) LBS 653

● PROFESSIONAL RANGE

Contains special composition of anti fungus agents, mould and algae etc. One of these agents owing to its special capsular form ensures its long- term activity because the slower process of washing it out of the joint. This new generation of fungicides ensures long-dated cleanness of places exposed to fungus – sealings close to the bathtubs, sinks, shower cabins, toilets. Additionally formula is totally safe for the user.

APPLICATION:
- sealing baths, hand basins, showers, sinks and other sanitary facilities and other water supply equipment
- sealing glass in display cabinets, marks, cable ducts
protection of polyurethane foams against
- UV radiation

BENEFITS / FEATURES:
- excellent resistance to mould and fungus
- good adhesion to many smooth building materials
- high resistance to UV radiation

Parameters

Application temperature:	+5 ÷ +40°C
Surface temperature:	+5 ÷ +40°C
Temperature resistance:	-40 ÷ +100°C

SPECIAL ACETOXY SILICONES

Glazing Acetoxy Silicone LBS 620g

● PROFESSIONAL RANGE

Glazing Silicones are one-component sealants that form durable and strong seal without losing elasticity. Cure exposed to moisture.

APPLICATION:
- sealing of facing boards and balustrade elements
- bonding of windows displays and shop boards
- joint sealing between glazing and window or door frames
- perimeter and curtain wall sealing
- sealing between glass and aluminum

BENEFITS / FEATURES:
- strong seal
- excellent adhesion to glass and many building materials
- very good mechanical strength
- very good uv and weather resistance
- excellent temperature resistance
- permanent colours

Parameters

Colours:	transparent, white, brown, grey, black
Skin formation time:	10 – 20 min.
Curing rate:	3 mm / 1 day
Modulus @100% elongation:	0,49 MPa
Movement accommodation:	±20%
Hardness Shore A:	25
Temperature resistance:	-50°C ÷ +180°C

Acetoxy Silicone for Aquariums LBS 620a

● PROFESSIONAL RANGE

Specially product dedicated for sealing and mounting of aquariums and terrariums safe for animals including fish, amphibians and reptiles. It has excellent adhesion to glass and other non--porous materials.

APPLICATION:
- construction of aquaria
- sealing and all repairs of aquariums and terrariums
- sealing between glass and aluminum
- bonding of windows displays and shop boards

BENEFITS / FEATURES:
- strong seal
- very good mechanical strength
- suitable for contact with water
- safe for animals including fish, amphibians and reptiles
- permanent colors
- very easy application

Parameters

Colours:	transparent, black
Skin formation time:	10 – 20 min.
Curing rate:	3 mm / 1 day
Modulus @100% elongation:	0,49 MPa
Movement accommodation:	±20%
Hardness Shore A:	25
Temperature resistance:	50°C ÷ +180°C

High Temperature Resistant Acetoxy Silicone LBS 621

● PROFESSIONAL RANGE

Recommended for sealing joints exposed to high temperatures. Excellent adhesion to building materials including: glass and glazed surfaces, ceramics, steel, aluminum, enamel, impregnated and painted wood.

APPLICATION:
- sealing of gaskets
- sealing of automotive, industrial and marine engines, water pumps
- repairs of plumbing leaks
- bonding, sealing, protective covers used in places exposed to high temperatures, e.g.: kiln tapes, chimney filters and heating units, engines, power units, coolers and motor pumps, heating systems, ventilation ducts

BENEFITS / FEATURES:
- high temperature resistance
- permanently elastic after full cure
- strong seal

Parameters

Colours:	red
Skin formation time:	10 – 20 min.
Curing rate:	3 mm / 1 day
Modulus @100% elongation:	0,49 MPa
Movement accommodation:	±20%
Hardness Shore A:	27
Temperature resistance:	-65°C ÷ +260°C (up to +315°C in temporary contact)

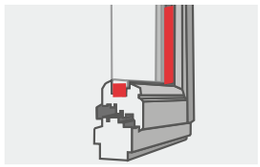
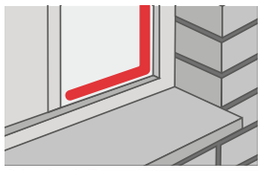
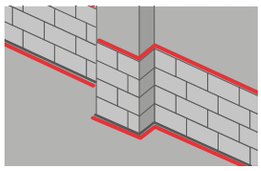
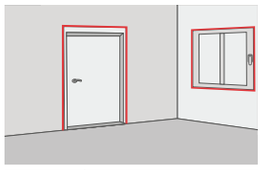
NEUTRAL SILICONES
for wide range of building applications

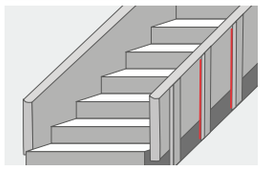
Building Silicones Sealants - high quality, one-component sealants with a neutral curing system based on moisture absorption from the air. We offer silicones in both – ALCOXY and OXIM – curing types. Recommended for sealing and bonding in general building. Some of them can be used for glazing. Excellent adhesion to most building materials, both non-porous and porous surfaces: glass, glazed surfaces, aluminium, ceramics, granite, concrete, cement and many plastics (including rigid PVC). Performance characteristics vary, depending on the type and amount of polymer and other ingredients.

APPLICATION:
- sealing around door and window frames
- sealing of metal or glass curtain walls
- sealing of expansion joints
- protection of pu-foam against sunlight
- home applications
- IGS – insulated glasses sealing (LBS 777)

BENEFITS / FEATURES:
- outstanding adhesion to the majority of building materials
- do not cause corrosion on metals or limestone materials
- excellent resistance to water, weathering and aging
- excellent durability for many years
- low odour

Net content	Packaging	Units per box	Units per pallet
280-310 ml	cartridge	12	1440
600 ml	foil	25	1000



Professional Neutral Oxim Silicone LBS 761

● INDUSTRY & PROFESSIONAL RANGE

Parameters

Colours: transparent, white (brown, grey, black – minimal quantity order requirements)

Skin formation time:	5 - 20 min.
Curing rate:	3 mm / 1 day
Modulus @100% elongation:	0,30 MPa
Movement accommodation:	±25%
Hardness Shore A:	25
Temperature resistance:	-50°C ÷ +150°C

Standard Neutral Oxim Silicone LBS 764

● PROFESSIONAL RANGE & DIY

Parameters

Colours: transparent, white, brow, grey, black

Skin formation time:	5 - 15 min.
Curing rate:	3 mm / 1 day
Modulus @100% elongation	0,37 MPa
Movement accommodation	±20%
Hardness Shore A:	18
Temperature resistance:	-40°C ÷ +100°C

Professional Neutral Oxim Silicone LBS 748 NO MEKO

● PROFESSIONAL RANGE

Oxime Silicone is one-component, elastic sealant curing under the influence of humidity from the air, intended for sealing and grouting joints and to protect against moisture.

APPLICATION:
- sealing baths, hand basins, showers, sinks and other sanitary facilities and other water supply equipment
- sealing of ceramic tiles
- sealing joints exposed to moisture (sanitary applications)
- sealing building and construction elements made of concrete, wood, metals and synthetic materials
- elastic sealing in glazing of the window frames made of wood

BENEFITS / FEATURES:
- neutral for alkaline surfaces
- excellent resistance to mould and fungus
- high resistance to UV radiation
- excellent mechanical properties
- classified as a product of NO MEKO

Parameters

Application temperature:	+5 ÷ +40°C
Surface temperature:	+5 ÷ +40°C
Temperature resistance:	-40 ÷ +100°C
Shelf Life:	12 months

Marble & Stone Neutral Oxim Silicone LOW MEKO LBS 786

● PROFESSIONAL RANGE

The product is especially formulated for weather sealing of most sensitive surfaces like marble, granite and other natural stones.

APPLICATION:
- joining and sealing of marble and other porous natural stones
- sealing of joints in tombstone, marble staircases
- cladding of facades of marble, granite and other natural stones
- finishing in kitchens and bathrooms incorporating marble

BENEFITS / FEATURES:
- ideal for sealing of natural stone and marble
- neutral curing system
- strong seal
- low odor
- no corrosion on natural stone
- no shrinkage

Parameters

Colours:	white, transp., grey, black, brown,
Skin formation time [min]	5 – 20
Curing time [mm/24h]	2 – 3
Modulus @ [Mpa] ISO 8339	0,25 – 0,30
Movement Accommodation [%]	ISO 9047: 25
Shore A Hardness ISO 868	25 +/- 2
Temperature resistance [°C]	-50 - +150

Alcoxy Neutral Sanitary Silicone CSS 718

● PROFESSIONAL RANGE

EMICODE Emission Class EC1 plus

Parameters

Colours:	white, transparent, grey, black, brown, beige
Skin formation time:	5 - 45 min.
Curing time:	1 - 2 mm / 1 day
Modulus @ [Mpa] ISO 8339	0,28 – 0,38
Movement Accommodation ISO 9047:	25%
Shore A Hardness ISO 868 :	19 - 25
Temperature resistance:	-40 - +150°C

Insulating Glass Neutral Oxim Silicone LBS 777

● INDUSTRY & PROFESSIONAL RANGE

Parameters

Colours:	black
Skin formation time:	5 – 15 min.
Curing rate:	2 mm / 1 day
Modulus @100% elongation	0,50 MPa
Movement accommodation	±25%
Hardness Shore A:	35
Temperature resistance:	-50°C ÷ +180°C

SPECIAL SEALANTS

Chimney and Fireplace Sealant LBU 511

● PROFESSIONAL RANGE

Addition of glass fibers increases the resistance to gases and to ageing after cure. The product bonds to metal, brick and cement.

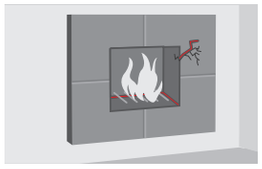
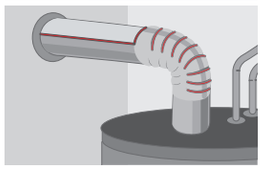
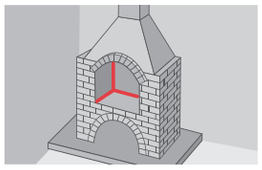
APPLICATION:
- sealing of fireplace interiors
- filling of fireplaces, stoves, barbecues, grills etc.
- repairs and sealing of cracks, seams, and joints in fireplaces, stoves and chimneys

BENEFITS / FEATURES:
- high temperature resistance – up to +1500°C
- excellent adhesion to porous building materials
- curing process accelerates through heating

Parameters

Colours:	grey
Curing time:	ca 24 h, depending on the
crack's	depth & ambient temperature
Temperature resistance:	up to +1500°C

Net content	Packaging	Units per box	Units per pallet
260-310 ml	cartridge	12	1440

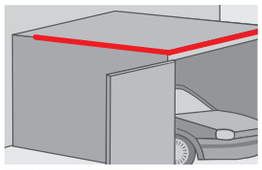
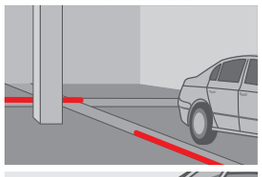
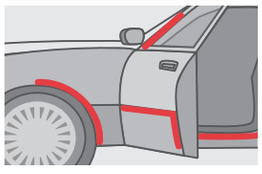




POLYURETHANE SEALANTS

One-component polyurethane adhesives & sealants recommended for automotive, railway industry and metal constructions. Excellent adhesion to a wide variety of substrates: concrete, metals, wood, PVC.
Polyurethane Sealants are one of the most commonly used materials in construction sealing. Their stress absorbing properties make them a great option for sealing dilatation joints, while also providing excellent adhesion to concrete and other porous and non-porous building materials. They also provide very high mechanical strength, and high resistance to abrasion.
They can be applied both indoors and outdoors. They have good chemical resistance which is extremely important for applications in industrial facilities. Polyurethane sealants meet unique special requirements for a number of specific application areas:
- industrial floors which require cleaning using high pressure of water
- ability to withstand increased load capacity associated with the movement of heavy machinery
- requirements associated with contact with food products
- resists damaging due to heavy duty cleaning agents and other chemicals
- low voc emissions

APPLICATION:
- sealing and bonding of industrial floors and garages
- sealing and bonding in metal constructions
- bonding and sealing in automotive assembly and repair
- sealing and bonding in bus and truck industries
- general building facade joints
- expansion joints
- external walling and claddings, curtain walling, parapets, window and door frame sealing, etc.
- thermal and acoustic insulation technology

BENEFITS / FEATURES:
- excellent abrasion resistance and tear strength
- permanent flexibility
- fair resistance to water, good resistance to petroleum, moderate to chemicals, oils, solvents, acids and alkalis
- paintability

PU 25 Polyurethane Sealant

● INDUSTRY & PROFESSIONAL RANGE

PU25 is a professional, single polyurethane sealant, low modular, flexible sealant for wide use in industry and construction.

APPLICATION:
- filling expansion joints in walls, facades of buildings, prefabricated elements, and other construction materials.
- seals joint between façade panel and other material such as window sills, or other decorative elements.
- sealing and filling dilation joints in prefabricated walls in industrial buildings and warehouses
- sealing of dilatation joints on low pedestrian traffic cement floors
- creating elastic joint, especially in outdoor application e.g., stairs, underpasses, exposed to weather conditions, pollutants, greases
- securing welds steel structure buildings or metal sheeting. able to be painted after partial curing

BENEFITS / FEATURES:
- movement capability 25%
- create a strong and flexible joint resistant to weathering and aging
- resistant to vibration

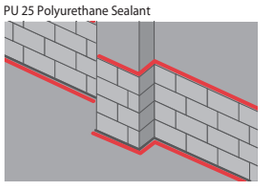
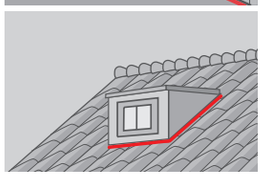
PU 40 Polyurethane Sealant

● INDUSTRY & PROFESSIONAL RANGE

PU40 is a professional one-component polyurethane high modular sealant that creates a strong and flexible joint. The product complies with the LEED 2009 C4.1 standard for low volatile organic content (VOC), as evidenced by a certificate issued by Eurofins Product Testing A / S, which is a member of the U.S. GREEN BUILDING COUNCIL. Reports Number G24272A.
Very good resistance to mildew and bacterial growth according to the Institute of Building Technology ITB (EN ISO 846)
It has a technical recommendation by the Research Institute of Roads and Bridges IBDiM RT/2009-03-0025 number, for sealing joints and cracks in bridges, tunnels and culverts. It has thixotropic properties enable applications in vertical slots and ceiling.

APPLICATION:
- designed for filling expansion joints and structural joints in cement floors
- sealing joints and expansion joints in residential and industrial buildings, especially in concrete structures. also may be used between weaker substrates like plaster, mortar, and brick

PU 25 Polyurethane Sealant

- curing without the formation of bubbles
- paintable

Parameters

Colours: white, grey (cartridges and foils)
Curing rate: 2 mm per twenty-four hours (23°C, 50% RH)

Slumping (ISO 7390):	0 mm
Tooling time:	up to 60 min
Modulus α at 100% elongation (ISO 8339):	0,40 MPa
Elongation at break (ISO 37):	400%
Tensile strength at break (ISO 37):	1,50 Mpa
Movement accommodation (ISO 9047):	25%
Shore A Hardness (ISO 868):	30
Temperature resistance:	-30°C to +80°C
Application temperature:	+5°C to +35°C
Elastic recovery (ISO 7389):	85%
Loss of volume (ISO 10563):	5%

- finishing and closing of roofing connections, filling gaps in roof ceiling during renovation and while covering flat roofs
- sealing and adhering the air-conditioner in the refrigeration industry, and covering welds and connections when building metal containers

BENEFITS / FEATURES:

- movement capability 25%
- high chemical resistance to fuels, oils, hydrocarbons, water, lime, diluted acids, swimming pool water, sea water, cleaning agents, sodium hydroxide solution. -detailed concentration included in the test report
- create a strong and flexible joint resistant to weathering and aging
- high resistance to breaking and tear propagation
- curing without the formation of bubbles
- paintable

Parameters

Colors: white, grey, beige RAL1001, brown, black, tile (cartridges)
white, grey, brown, black (foils)

Curing rate	3 mm / day (23°C, 50%RH)
Slump (ISO 7390)	0 mm
Tooling time	to 90 min.
Modulus α at 100% elongation (ISO 8339):	0,60 MPa
Elongation at break (ISO 37)	>350%
Tensile strength at break (ISO 37)	1,80 Mpa
Movement accommodation (ISO 9047):	25%
Shore A hardness (ISO 868)	40
Temperature resistance	-30°C to +80°C
Application temperature	+5°C to +35°C
Elastic recovery (ISO 7389)	85%
Loss of volume (ISO 10563)	<9%

PU 50 Polyurethane Sealant

One component, high modulus polyurethane sealant, cured at air temperature in contact with humidity.

APPLICATION:

Elastic bonding for unions with special requirements in:

- the car industry
- bodywork construction and repair
- caravan construction and repair
- container construction and repair
- shipping industry
- industry in general

BENEFITS / FEATURES:

- monocomponent polyurethane
- non-corrosive to metals and applicable on alkaline surfaces (concrete, asbestos-cement, marble, etc.)
- good adherence over a wide range of substrates usually used in modern constructions
- it does not shrink
- paint may be applied on it; It does not contaminate further coats of paint
- can be used to fill cracks and fissures
- highly efficient for filling most of the hollows
- absorb vibrations
- capacity to absorb strong efforts

Parameters

PU-50 before curing

Appearance:	Homogeneous creamy paste
Slump resistance:	<1 mm
Tack free:	45 min.
Curing rate at 23ºC and 55% h.r.:	3 mm/day
Application temperature:	+5 ÷ +40°C

PU-50 after curing (4 weeks (+23°C/50% RH)

Shore a Hardness (ISO 868):	50 Shore A
Modulus 100& (ISO 37):	1,20 Mpa.
Tensile strength (ISO 37):	2,50 Mpa.
Elongation at break (ISO 37):	>400%
Tensile shear strength (ISO 4587):	2,50 Mpa.
Temperature range in service:	-40 ÷ +90°C
Shelf Life:	12 months

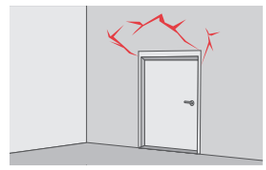
Net content	Packaging	Units per box	Units per pallet
300 ml	cartridge	25	1200
600 ml	foil	12	792 or 1152

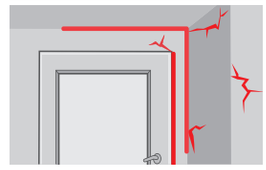
ACRYLICS
CONSTRUCTION ACRYLICS

Recommended for general building applications which are not a subjected to high tension. Excellent adhesion to most porous building surfaces: concrete, plaster, brick, wood, cement, plasterboard. Performance characteristics vary, depending on the type and amount of polymer and other ingredients.

APPLICATION:
- filling and sealing of fissures in walls, balustrades, sills
- small plaster repairs before painting
- sealing around window and door frames
- sealing of low movement construction joints between brick, concrete, timber etc.
- applicable for connecting joints in dry wall technology lba 172

BENEFITS / FEATURES:
- paintable
- suitable for indoor and outdoor applications
- applicable on wet porous surfaces
- easy application
- odourless





Standard Acrylic Sealant LBA 180

● PROFESSIONAL RANGE

Acrylic is universal, one-component plasto-elastic sealant, curing by evaporation of water from the mass. Benefits: protection of polyurethane foams against UV radiation, odourless and chemically neutral, possibility of painting and grinding after curing, possibility of applying multiple layers after curing. Reaction to fire: class E, EN 13501-1:2007+A4.

APPLICATION:
- sealing around windows, door frames, sills and balustrades
- sealing cracks and gaps in walls, ceilings and facades
- grouting of corners of walls and ceilings
- exterior and interior applications

Parameters

Colours:	white, grey
Skin formation time:	10 – 20 min.
Curing rate:	1 mm / 1 day
Movement accommodation	±7,5%
Temperature resistance:	-20°C ÷ +80°C

Warranted shelf life is 24 months from the manufacturing date when stored in unopened, original package at temperature from +5 °C to +25 °C in a dry place protected from freezing.

Standard Acrylic Sealant UNI 200

● PROFESSIONAL RANGE

UNIacryl 200 is a one-component, elastoplastic sealing putty based on acrylic aqueous dispersion, which is designed for joints between construction parts exposed to low-medium stresses. Phthalates free.

APPLICATION:
UNIacryl 200 is ready to use and gives excellent performances both in inside and outside situations, showing good adhesion on porous surfaces such as concrete, plaster, asbestos, brickwork, cement, wood. Not recommended for joints in continuous contact with water.

Parameters

Application temperature:	+5 °C to +50 °C
Service temperature:	-25 °C to + 80 °C
Skin over time:	10-15 minutes
Curing time:	1 to 4 weeks according to joint thickness, temperature and air humidity
Shelf life:	up to 12 months / Store dry and cool / Protect from freezing and heat

GEV-EMICODE EC 1 PLUS very low emission

Professional Dry Wall Acrylic LBA 172

● PROFESSIONAL RANGE

Acrylic is universal, one-component plasto-elastic sealant, curing by evaporation of water from the mass. Reaction to fire: class F, EN 13501-1:2007+A3.

APPLICATION:
- connecting of drywalls
- sealing around windows, door frames, sills and balustrades
- sealing cracks and gaps in walls, ceilings and facades
- grouting of corners of walls and ceilings
- for ventilation ducts

Parameters

Colours:	white, grey
Skin formation time:	25 – 40 min.
Curing rate:	1 mm / 1 day
Movement accommodation:	±12,5%
Temperature resistance:	-25°C ÷ +80°C

Standard Acrylic Sealant UNI 300

● PROFESSIONAL RANGE

UNIacryl 300 is a one-component, elastoplastic sealing putty based on acrylic aqueous dispersion, which is designed for joints between construction parts exposed to low-medium stresses. Phthalates free.

APPLICATION:
UNIacryl 300 is ready to use and gives excellent performances both in inside and outside situations, showing good adhesion on porous surfaces such as concrete, plaster, asbestos, brickwork, cement, wood. Not recommended for joints in continuous contact with water.

Parameters

Application temperature:	+5 °C to +50 °C
Service temperature:	-25 °C to + 80 °C
Skin over time:	10-20 minutes
Curing time:	1 to 4 weeks according to joint thickness, temperature and air humidity
Shelf life:	up to 12 months / Store dry and cool / Protect from freezing and heat

GEV-EMICODE EC 1 PLUS very low emission

Professional Acrylic for Painters LBA 190

● PROFESSIONAL RANGE

Acrylic is universal, one-component plasto-elastic sealant, curing by evaporation of water from the mass. Reaction to fire: class E, EN 13501-1:2007+A4.

APPLICATION:
- sealing around windows, door frames, sills and balustrades
- sealing cracks and gaps in walls, ceilings and facades
- grouting of corners of walls and ceilings
- protection of polyurethane foams against UV radiation

Parameters

Application temperature:	+5 °C to +40 °C
Surface temperature:	+5 °C to +40 °C
Skin over time:	10-30 minutes
Curaing rate:	0,5 - 1,0 [mm/24h]
Shelf life:	up to 24 months / Store dry and cool / Protect from freezing and heat

Professional Acrylic for Painters UNI 300 P

● PROFESSIONAL RANGE

UNIacryl 300 P is a one-component, elastoplastic sealing putty based on acrylic aqueous dispersion, which is designed for a wide range of applications both in inside and outside situations. Not recommended for glass, ceramic, enamel. Phthalates free.

APPLICATION:
UNIacryl 300 P offers good adhesion on many building materials such as concrete, plaster, asbestos, brickwork, cement and wood.

Parameters

Application temperature:	+5 °C to +50 °C
Skin over time:	8-13 minutes
Curing time:	1 to 4 weeks according to joint thickness, temperature and air humidity
Service temperature:	-25 °C to + 80 °C
Shelf life:	up to 12 months in a dry place protected from freezing and heat

GEV-EMICODE EC 1 PLUS very low emission

Quick Effect Acrylic LBA 195

● PROFESSIONAL RANGE

Acrylic is universal, one-component plasto-elastic sealant, curing by evaporation of water from the mass. Acrylic sealant can be painted after 60* minutes from application and grinded after full curing. Due to the unique composition of fillers, acrylic imitates texture of finishing coat. *Sealant can be painted after 10 minutes, providing that good quality paint is used. Reaction to fire: class E, EN 13501-1:2007+A5.

APPLICATION:

- sealing around windows, door frames, sills and balustrades
- sealing cracks and gaps in walls, ceilings and facades
- grouting of corners of walls and ceilings
- connection construction and building elements subjected to tensions (up to 15%) masking holes from screws, nails

BENEFITS / FEATURES:

- odourless and chemically neutral
- possibility of painting after 60 minutes without worrying about discoloration and cracking
- possibility of applying multiple layers after curing does not contain solvents.

Parameters

Application temperature:	+5 ÷ +40°C
Surface temperature:	+5 ÷ +40°C
Skin formation time:	10-20 min.
Temperature resistance:	-20 ÷ +80°C

Warranted shelf life is 24 months from the manufacturing date when stored in unopened, original package at temperature from +5°C to +25°C in a dry place protected from freezing.

Free from phthalates and without plasticizers Acrylic UNI TOP

● PROFESSIONAL RANGE

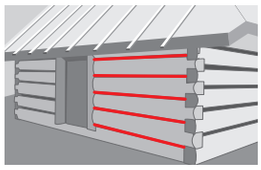
UNIacryl Top is a one-component, polyacrylic based fungicidal sealer with water dispersion, super elasticity and weather resistance. UNIacryl Top is the best representative of the acrylic family. Phthalates free.

APPLICATION:

UNIacryl Top possesses great technical skills that allow it to be widely used: it is particularly suitable for joints in the field of prefabricated buildings (palaces, sheds, etc.) allowing movement and deformation; for sealing joints between different materials and for building joints (concrete, plaster, masonry, cement, wood); gives excellent performances both in inside and outside situations; for building elements such as frames, window sills, etc. Not recommended for junctions in continuous contact with water.

Parameters

Application temperature:	+5 °C to +50 °C
Skin over time:	10-20 minutes
Curing rate:	1 to 4 weeks according to joint thickness, temperature and air humidity
Shelf life:	up to 12 months / Store dry and cool / Protect from freezing and heat



Professional Sanitary Acrylic LBA 175

● PROFESSIONAL RANGE

Siliconized Acrylic is universal, one-component plasto-elastic sealant, curing by evaporation of water from the mass. Benefits: high flexibility after curing, odourless and chemically neutral, aesthetic, shiny joint, possibility of applying multiple layers after curing. Reaction to fire: class F, EN 13501-1:2007+A8.

APPLICATION:

- sealing baths, hand basins, showers, sinks and other sanitary facilities and other water supply equipment filling joints around wooden frames, at laths, window sills
- filling gaps between the baseboard and wall
- grouting of corners of walls and ceilings
- connecting of drywalls (including grouting of corners)

Parameters

Colours:	transparent, white
Skin formation time:	60-80 min.
Curing rate:	2 mm / 1 day
Elongation at break [%]	750-1000
Temperature resistance:	-20°C ÷ +60°C

Warranted shelf life is 24 months from the manufacturing date when stored in unopened, original package at temperature from +5 °C to +25 °C in a dry place protected from freezing.

Professional Sanitary Acrylic UNI 500

● PROFESSIONAL RANGE

UNIacryl 500 is a one-component, highly elastic and resistant sealing putty based on acrylic aqueous dispersion. Its great technical properties allow for a wide range of applications. UNIacryl 500 "transparent" is white and turns into transparent after hardening. Not recommended for joints in continuous contact with water (immersion). Phthalates free.

APPLICATION:

UNIacryl 500 will show excellent adhesion on many materials such as wood, brickwork, ceramic, stone, marble, most plastics and even on glass.

BENEFITS/FEATURES:

UNIacryl 500 is easy to use, ecological, solvent free, nearly odourless and does not stain.

Parameters

Application temperature:	+5 °C to +50 °C
Elongation at break:	> 400%
Service temperature:	-30 °C to + 80 °C
Skin over time:	30-40 minutes according to temperature and air humidity
Curing time:	1-1,5 mm / 24 hours according to temperature and air humidity
Shelf life:	up to 12 months / Store dry and cool/ Protect from freezing and heat

SPECIAL APPLIANCE

Acrylic for facade and walls LBA 183

● PROFESSIONAL RANGE

Fasade Acrylic is universal, one-component plasto-elastic sealant, curing by evaporation of water from the mass. Reaction to fire: class E, EN 13501-1:2007+A7.

APPLICATION:

- sealing and grouting building elements covered by mosaic plaster
- repairing defects in structural plasters and surfaces of the granular structure
- sealing cracks and gaps in walls, roofs

Parameters

Application temperature:	+5 °C to +40 °C
Skin formation time:	15-20 minutes
Curing rate:	0,5 - 1,0 mm/24h
Shelf life:	up to 24 months / Store dry and cool / Protect from freezing and heat

Acrylic UNI SKIN

● PROFESSIONAL RANGE

UNIacryl Skin is a one-component, elastic, spatulable sealant based on acrylic aqueous dispersion, which is suitable for use with rough putty and can be painted over with any kind of wall-paint. UNIacryl Skin shows excellent adhesion even on damp and porous surfaces and has great weather and ageing resistance. Phthalates free.

APPLICATION:

UNIacryl Skin has been designed for optimal improvement of plaster/brickwork cracks and scrapings both in inside and outside situations.

Parameters

Application temperature:	+5 °C to +40 °C
Skin over time:	10-20 minutes
Service temperature:	-25 °C up to +80 °C
Shelf life:	12 months in normal conditions

Parquet Acrylic Sealant LBA 181

● PROFESSIONAL RANGE

Wood sealant is one-component plasto-elastic acrylic sealant, curing by evaporation of water from the mass. Reaction to fire: class F, EN 13501-1:2007+A8.

APPLICATION:

- filling joints around wooden frames, at laths, window sills
- sealing of parquets and floor panels made of wood
- sealing the space between the step and risers on stairs
- filling gaps between the baseboard and wall

Parameters

Application temperature:	+5 °C to +40 °C
Surface temperature:	+5 °C to + 40 °C
Skin over time:	15-25 minutes
Curing rate:	0,5 - 1,0 mm/24h
Shelf life:	up to 24 months / Store dry and cool / Protect from freezing and heat

UNI PARQUET

● PROFESSIONAL RANGE

UNIacryl Parquet is a special, one-component, highly qualified, hard-elastic sealant based on acrylic aqueous dispersion, which is exclusively designed for parquet sealing. UNIacryl Parquet is solvent-free, cures rapidly and can be smoothed. It can be painted over with every kind of parquet-lacquers. Phthalates free.

APPLICATION:

UNIacryl Parquet offers excellent adhesion. It can be used for sealings between walls and parquet. Product is a barrier against dust and water penetration under the parquet. Additionally it is resistant to moulds and fungus.

Parameters

Application temperature:	+5 °C to +40 °C
Skin over time:	5-10 minutes
Can be varnished after:	4-6 hours
Can be smoothed after:	18-24 hours
Shelf life:	12 months in normal conditions

Acrylic Flex LBA 192

● PROFESSIONAL RANGE

Provides flexible and durable seals in log homes construction.
Lasting colours. Classified acc. to EN-15651-1-F-EXT-INT-12,5 P.
Reaction to fire: class F,EN 13501-1:2007+A9.

APPLICATION:

- sealing wooden joints in wood-frame house constructions and wooden logs
- sealing building and construction elements made of wood
- protection of polyurethane foams against uv radiation
- sealing around windows, door frames, sills and balustrades

BENEFITS / FEATURES:

- possibility of apllication at low temperatures
- excellent mechanical properties – movement accommodation up to ± 15%
- low shrinkage
- exterior and interior applications
- possibility of painting and grinding after curing

Parameters

Colours: white, jasmine, fir, spruce, beech, light walnut, dark walnut, dark oak, oak, mahogany, dark tick, cherry, wenge, black

Skin formation time:	25-50 min.
Curing rate:	0,5-1 mm / 1 day
Module at 100% elongation (ISO 37) MPA:	0,30 ± 0,05
Elongation at break (ISO 37) [%]	600 ± 50
Temperature resistance:	-40°C ÷ +80°C

Acrylic UNI FLEX

● PROFESSIONAL RANGE

Uni Flex Superelastic is a one-component, polyacrylic based fungicidal sealer with water dispersion, super elasticity and weather resistance. Phthalates free.
Classified acc. to EN-15651-1-F-EXT-INT-20HM.

APPLICATION:

Uni Flex Superelastic possesses great technical skills that allow it to be widely used: it is particularly suitable for joints in the field of the prefabricated buildings (palaces, sheds, etc.) allowing movement and deformation; for sealing joints between different materials and for building joints (concrete, plaster masonry, cement, wood); for building elements such as frames, window sills, etc.; gives excellent performances both in inside and outside situations. Not recommended for junctions in continuous contact with water.

Parameters

Application temperature:	+5 °C to +50 °C
Service temperature:	-30 °C to + 80 °C
Skin over time:	10-20 minutes
Curing time:	1 to 4 weeks according to joint thickness, temperature and air humidity
Shelf life:	up to 12 months / Store dry and cool / Protect from freezing and heat

UNI ANTI-RAIN

● PROFESSIONAL RANGE

UNIacryl Anti-Rain is a one-component, highly qualified elastoplastic sealing putty based on acrylic aqueous dispersion, which is immediately rainproof after application. Therefore there are no weather limitations for its use. Phthalates free.

APPLICATION:

UNIacryl Anti-Rain is designed for joints between construction parts exposed to medium stresses; it is ready to use and gives excellent performances both in inside and outside situations, showing good adhesion on porous surfaces such as concrete, plaster, asbestos, brickwork, cement, wood, anodised aluminium and PVC. Not recommended for joints in continuous contact with water and for substrates such as PE, PP, Teflon and bituminous surfaces. Painting over with highly filled emulsion paints con cause cracks in the paint. Use diluted UNIacryl Anti-Rain (at brushable consistency) as a primer on highly porous surfaces.

Parameters

Application temperature:	+5 °C to +40 °C
Service temperature:	-25 °C to + 80 °C
Skin over time:	10-20 minutes
Curing time:	1 to 4 weeks according to joint thickness, temperature and air humidity
Shelf life:	up to 12 months / Store dry and cool / Protect from freezing and heat

Acrylic UNI 400

● PROFESSIONAL RANGE

UNIacryl 400 is a one-component sealing putty based on fungicidal polyacrylic dispersion, which offers high elasticity and great weather-resistance. Undoubtedly, it can be defined as the best representative of the acrylic family since its great technical properties allow for a wide range of applications (both inside and outside situations). Phthalates free.

APPLICATION:

UNIacryl 400 is especially recommended for joints in prefabricated buildings (blocks, warehouses, etc), accommodating to movements and deformations up to 18% of original joint width; for waterproof sealing between various materials, for building joints (concrete, plaster, brickwork, cement, wood) and for construction parts such as window frames, window sills etc. Not recommended for joints in continuous contact with water.

Parameters

Application temperature:	+5 °C to +50 °C
Service temperature:	-30 °C to + 80 °C
Skin over time:	10-20 minutes
Curing time:	1 to 4 weeks according to joint thickness, temperature and air humidity
Shelf life:	up to 12 months / Store dry and cool / Protect from freezing and heat

Cement Fix LBA 193

Cement Fix is a one-component mass repair having the structure and appearance of concrete, developed on water-based polymer dispersions and ready for immediate use. The product is recommended for outdoor applications.

APPLICATION:

- sealing of building elements
- filling gaps, defects, joints and cracks in walls and concrete leveling
- clamping of ceramic and stone tiles

BENEFITS:

- excellent resistance to changing weather conditions
- high resistance to UV radiation
- free of isocyanates, silicones and solvents low shrinkage
- odourless and chemically neutral
- possibility of applying on wet surface
- possibility of joint repair using the same material
- possibility of application of the thick joint (long curing time)

Parameters

Colour:	grey
Skin formation time:	2-6 min.
Curing rate:	9-14 mm/24 h
Application temperature:	+5°C to +40°C
Surface temperature:	+5°C to +40°C
Packaging temperature:	+5°C to +25°C
Shelf life:	24 months

FIRE STOP UNI AC 180

● PROFESSIONAL RANGE

One-component plasto-elastic sealant based on polyacrylic aqueous dispersion. Fire- and smoke resistant, UNIacryl AC 180 Firestop is particularly suitable for joint sealing in fire-retardant constructions. As it grows in volume by reacting to the increasing heat, UNIacryl AC 180 Firestop forms a barrier against flames and smoke in case of fire. Phthalates free.

APPLICATION:

UNIacryl AC 180 Firestop adheres even to damp substrates and is particularly indicated for interior and exterior sealing between various building material such as plaster, concrete, asbestos, bricks, cement, wood, frames, fireproof doors and walls where fire-retardant materials are requested. A specific adhesion and tackiness catalyst gives the product a firm sealing power.

Parameters

Application temperature:	+5 °C to +50 °C
Skin creation:	8-15 min. according to room temperature
Curing time:	1 to 4 weeks according to joint width, temperature and air humidity.
Shelf life:	Up to 12 months – keep dry and cool – protect from heat and freeze

Professional Sanitary
LBA 186

● PROFESSIONAL RANGE

Siliconized Acrylic is universal, one-component plasto-elastic sealant, curing by evaporation of water from the mass. Reaction to fire: class F, EN 13501-1:2007+A8.

APPLICATION:
- sealing baths, hand basins, showers, sinks and other sanitary facilities and other water supply equipment
- filling joints around wooden frames, at laths, window sills
- filling gaps between the baseboard and wall
- grouting of corners of walls and ceilings
- connecting of drywalls (including grouting of corners)

Parameters

Application temperature:	+5 °C to +40 °C
Surface temperature:	+5 °C to + 40 °C
Skin formation time:	25-40 minutes
Curing rate:	1,5 - 2,0 mm/24h
Shelf life:	up to 24 months / Store dry and cool / Protect from freezing and heat

Light Acrylic Repairer
QSA 150

● PROFESSIONAL RANGE

Ultra- light acrylic putty based on an innovative formula. A smooth white surface can be obtained with a single layer of putty, which makes the application quick and easy. The product is characterized by excellent adhesion to porous surfaces, it does not flow off the wall or ceiling. For interior and exterior use.

APPLICATION:
- filling scratches, cracks, crevices, holes in walls, facades and ceilings
- sealing joints between drywalls panels
- filling and masking nail holes, screws, pins, etc.
- minor repairs before painting

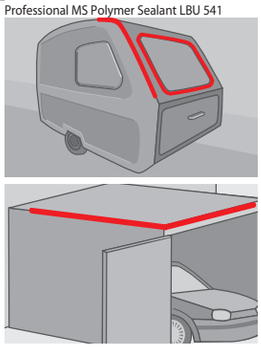
Parameters

Color:	white
Curing time (layer 1 mm)	approx. 10 min.
Curing time (layer 5 mm)	approx. 24 h
Maximum thickness of a single layer:	up to 5 mm

MS POLYMERS/ HYBRID SEALANTS

Hybrid/MS Polymers are modern products with sealing and bonding properties. They become more and more popular products due to their versatility and well-balanced properties. They are suitable for a wide range of applications in many different fields. The specific main technical properties of HYBRID/MS POLYMERS based products, which distinguish them from other sealants, are the following:
- environmental friendliness: they are free of isocyanates, solvents, silicones
- safety of use: they do not contain isocyanates or solvents and therefore require no special safety equipment
- ease of application: can be tooled and extruded in almost all weather conditions, both cold and warm
- weather resistance and durability
- non staining: they do not stain on granite, marble and many other porous materials
- paintability:. some types can be painted „wet-on-wet" immediately after application
- adhesion on many different substrates: wade spectrum of application
- several products are prepared in phthalate-free versions and classified acc. to EC 1 plus standard.

Professional MS Polymer Sealant LBU 541



Professional MS Polymer Sealant LBU 541

● INDUSTRY & PROFESSIONAL

Sealant and adhesive for building and industrial application. Excellent adhesion to glass, ceramic tiles, steel, aluminum, concrete, brick, cement, natural stone, wood, metals, plastics, rigid PVC, polyamide, polycarbonate.

APPLICATION:
- sealing and bonding the most of substrates included wet/damp surfaces in construction and building applications
- sealing and bonding of construction and building elements made of glass, aluminum, steel, PVC and porous materials
- filling gaps, joints, slots in concrete, wooden, gypsum, masonry and other building materials
- sealing and bonding containers, tankers and other industrial items/devices
- bonding and sealing metal sheets, tiles and other roofing materials
- bonding boarders, panels, plates made of plastic, ceramics, terracotta, window sills, rigid PVC
- prefabricated laminates with fibers and other type of plastics, wood, metals and metal sheets to all types of surfaces in building construction like brick, concrete, cement plaster, gypsum

BENEFITS / FEATURES:
- isocyanate, silicone and solvent-free
- paintable with most of paints
- non-corrosive to metal, non-staining natural stone and non-interfering in bonding surfaces
- no bubbling in cured application

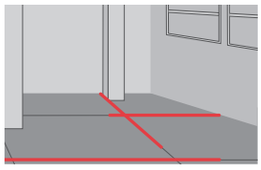
Standard MS Polymer Sealant LBU 542

● PROFESSIONAL & DIY

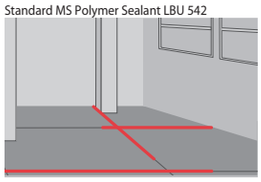
Sealant and adhesive for building and industrial application. Excellent adhesion to glass, ceramic tiles, steel, aluminum, concrete, brick, cement, natural stone, wood, metals, plastics, rigid PVC, polyamide, polycarbonate.

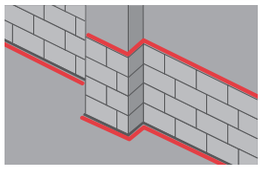
APPLICATION:
- sealing and bonding the most of substrates included wet/damp surfaces in construction and building applications
- sealing and bonding of construction and building elements made of glass, aluminum, steel, PVC and porous materials
- filling gaps, joints, slots in concrete, wooden, gypsum, masonry and other building materials
- sealing and bonding containers, tankers and other industrial items/devices
- bonding and sealing metal sheets, tiles and other roofing materials
- bonding boarders, panels, plates made of plastic, ceramics, terracotta, window sills, rigid PVC,
- prefabricated laminates with fibers and other type of plastics, wood, metals and metal sheets to all types of surfaces in building construction like brick, concrete, cement plaster, gypsum

BENEFITS / FEATURES:
- isocyanate, silicone and solvent-free
- paintable with most of paints
- non-corrosive to metal, non-staining natural stone and non-interfering in bonding surfaces
- no bubbling in cured application



Standard MS Polymer Sealant LBU 542





MS POLYMERS/ HYBRID SEALANTS

- possibility of application to damp/wet surfaces
- exterior and interior applications
- mould resistance

Parameters

Colours: white, grey, black (other colours on special orders)

Skin formation time:	5-20 min.
Curing rate:	2-3 mm/ 1 day
Modulus @100% elongation:	1,20-1,45 MPa
Hardness Shore A:	40-50

Transparent MS Polymer Sealant LBU 545

● **INDUSTRY & PROFESSIONAL**

Sealant and adhesive for building and industrial application. Excellent adhesion to glass, ceramic tiles, steel, aluminum, concrete, brick, cement, natural stone, wood, metals, plastics, rigid PVC, polyamide, polycarbonate.

APPLICATION:

- sealing and bonding the most of substrates included wet/damp surfaces in construction and building applications
- sealing and bonding of construction and building elements made of glass, aluminum, steel, PVC and porous materials
- filling gaps, joints, slots in concrete, wooden, gypsum, masonry and other building materials
- bonding and sealing metal sheets, tiles and other roofing materials
- bonding boarders, panels, plates made of plastic, ceramics, terracotta, window sills, rigid PVC

BENEFITS / FEATURES:

- isocyanate, silicone and solvent-free
- paintable with most of paints
- non-corrosive to metal, non-staining natural stone and non-interfering in bonding surfaces
- no bubbling in cured application
- possibility of application to damp/wet surfaces
- exterior and interior applications
- mould resistance

Parameters

Colours:	transparent
Skin formation time:	5-25 min.
Curing rate:	3 mm/ 1 day
Modulus @100% elongation:	0,90-1,05 MPa
Hardness Shore A:	45 +/- 3

MS Polymer Low Modulus Sealant LBU 530

MS Polymer Low Modulus Sealant is a high elastic, one-component sealant produced on the basis of modified MS polymer - silanized polyether that cures in contact with humidity.

APPLICATION:

- sealing skirting-boards, panels, plates made of synthetic materials, glaze, terracotta, elements made of synthetic materials, wood, metals, metal plates, for all types of surfaces in building such as brick, concrete, gypsum, plasters
- filling gaps, joints, slots in concrete, wood, gypsum, masonry and other building materials

BENEFITS:

- high resistance to UV radiation
- free isocyanates, silicones orthophralate and solvents
- good adhesion to humid surfaces
- excellent adhesion to wide range of construction substrates
- adheres without primer to most of construction materials
- can be painted (possibility of paintig uncured sealant)
- neutral, non-corrosive to metals and applicable on alkaline surfaces
- exterior and interior applications
- odourless and chemically neutral
- excellent chemical resistance

Parameters

Colour:	white
Skin formation time:	20-40 min.
Curing rate:	9-14 mm/24 h
Application temperature:	+0°C to +40°C
Surface temperature:	+0°C to +40°C
Packaging temperature:	+0°C to +25°C
Shelf life:	12 months

- possibility of application to damp/wet surfaces
- exterior and interior applications
- mould resistance

Parameters

Colours: white, grey, (other colours on special orders)

Skin formation time:	10-25 min.
Curing rate:	2-3 mm/ 1 day
Modulus @100% elongation:	0,9-1,05MPa
Hardness Shore A:	35-45

Crystal Clear Hybrid Sealant LBU 555

● **INDUSTRY & PROFESSIONAL**

New generation, one-component professional adhesive-sealant based on siliconized polyether that cures in contact with humidity.

APPLICATION:

- bonding skirting-boards, panels, plates made of synthetic materials, glaze, terracotta, elements made of synthetic materials, wood, metals, metal plates, for all types of surfaces in building such as brick, concrete, gypsum, plasters
- filling gaps, joints, slots in concrete, wood, gypsum, masonry and other building materials
- sealing and connecting building and construction elements made of glass, steel, PVC and porous materials

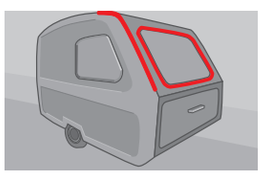
BENEFITS / FEATURES:

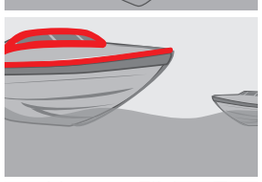
- ultra transparent, crystal joint free of isocyanates, silicones and solvents good adhesion to humid surfaces
- excellent adhesion to wide range of construction substrates adheres without primer to most of construction materials
- can be painted
- neutral, non-corrosive to metals and applicable on alkaline surfaces
- sealing and bonding properties
- exterior and interior applications
- odourless and chemically neutral
- excellent chemical resistance
- low shrinkage

Parameters

Application temperature:	+5 ÷ +40°C
Surface temperature:	+5 ÷ +40°C
Skin formation time:	5-50 min.
Temperature resistance:	-40 ÷ +110°C

Warranted shelf life is 12 months from the manufacturing date when stored in unopened, original package at temperature from +0°C to +25°C in a dry place protected from freezing. Product can be transported at low temperatures up to -30°C for up to 6 weeks, before using the product should be conditioned for 24 hours at +23°C. Precautions should be taken when the product after thawing out is frosted again - is resistant to 4 cycles of freezing / thawing out.





MS Polymer High Shore Sealant LBU 560

MS Polymer High Shore Sealant is a high elastic, one-component adhesive produced on the basis of modified MS polymer - silanized polyether that cures in contact with humidity.

APPLICATION:

- bonding skirting-boards, panels, plates made of synthetic materials, glaze, terracotta, elements made of synthetic materials, wood, metals, metal plates, for all types of surfaces in building such as brick, concrete, gypsum, plasters
- filling gaps, joints, slots in concrete, wood, gypsum, masonry and other roofing building materials
- sealing and bonding in the production of containers and in automotive industry
- sealing metal sheets, tiles and other roofing materials
- sealing all kinds of joints in underground garages/parkings and multi-storey car parks
- sealing of dilatation joints on terraces and balconies

BENEFITS:

- free isocyanates, silicones and solvents
- good adhesion to humid surfaces
- excellent adhesion to wide range of construction substrates
- adheres without primer to most of construction materials
- can be painted (possibility of painting uncured sealant)
- neutral, non-corrosive to metals and applicable on alkaline surfaces
- sealing and bonding properties
- exterior and interior applications
- odourless and chemically neutral
- excellent chemical resistance

Parameters

Colours:	white, black, grey
Skin formation time:	5-45 min.
Curing rate:	2-3 mm/24 h
Application temperature:	+0°C to +40°C
Surface temperature:	+0°C to +40°C
Packaging temperature:	+0°C to +25°C
Shelf life:	12 months

PRODUCTS FOR ROOFS
Rubber & Bituminous sealant

APPLICATION:
- durable plasto-elastic coating when fully cured
- excellent adhesion properties to most roofing materials
- suitable for large and small areas

BENEFITS / FEATURES:
- gluing expanded polystyrene boards to tar-boards, bituminous and concrete boards
- filling and sealing works
- gluing tar-boards to tar-boards and to concrete substrates
- repairing of existing roofs

Net content	Packaging	Units per box	Units per pallet
260-310 ml	cartridge	12	1440
1 kg	cup	25	420

Repair and Sealing Rubber with Fibres LBU 515

● INDUSTRY & PROFESSIONAL RANGE

Rubber sealant with fibers LBU 515 is a universal sealant for wide use. Creates plasto -elastic durable flexible joint, characterized with high resistance to aging. A unique advantage of the sealant is its excellent adhesion to most substrates, both porous and nonporous, such as concrete, plaster, metal, and plastics. Unlike other sealants, it can be used on wet smooth surfaces, and therefore well suited for example to repair roofs or boat. Can be used under water. It can also be used on bituminous surfaces. It does not require primer. After curing the sealant is suitable for painting after checking the impact of paint sealant. It can be used during snow and rain.

APPLICATION:
- sealing cracks and crevices in walls, roofs, glass, etc.;
- combining various elements of the substrates in wood, glass, concrete, metal and plastics
- creation of connectors and seals in the boats and in all types of applications requiring resistance to permanent water
- sealing metal plates and gutters

BENEFITS / FEATURES:
- excellent resistance to mildew and fungus
- paintability
- very good adhesion
- compatibility with bituminous materials
- possibility of applying to the surface completely submerged under water

Parameters

Colours:	grey, white, brown, brick, transparent
Viscosity:	sticky paste
Character:	elastic-elastic
Application temperature:	–10°C – +40°C
Temperature resistance:	–20°C – +90°C

Synthetic Rubber Sealant LBU 521

● PROFESSIONAL RANGE

Rubber Sealant LBU 521 is a universal sealant for general use. Creates plasto-elastic flexible joint, which is characterized by high resistance to aging. A unique advantage is its excellent adhesion to most substrates, both porous and non-porous as e.g. concrete, plaster, metal or variable plastics. Unlike other sealants can be applied to smooth wet surfaces, so is ideal also for roofs or boat repairs. In contrast to silicone sealant, or acrylic can be used on the surface of the bitumen. Does not require primer. After curing sealant is paintable

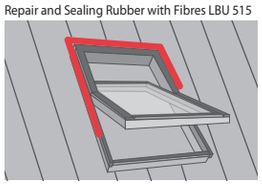
APPLICATION:
- sealing of skylights` collars, chimneys and other roofing treatments
- sealing of connections of corrugated and trapezoidal plate
- bonding roofing foil, membranes and roof tar
- pointing movable joints of up to 10%
- rapid repair of leaks in roofs and gutters

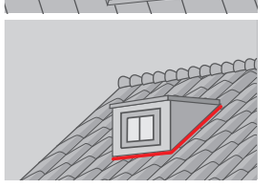
BENEFITS / FEATURES:
- excellent resistance to mold and fungus
- paintability
- very good adhesion
- compatibility with bituminous materials
- application on wet surfaces

Parameters

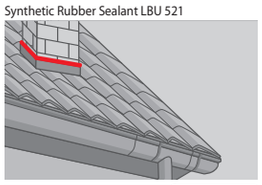
Colours:	grey, white, brown, brick, transparent
Viscosity:	sticky paste
Character:	plasto-elastic
Application temperature:	+5°C – +40°C
Temperature resistance:	–20°C – +90°C

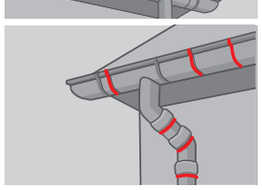
Repair and Sealing Rubber with Fibres LBU 515

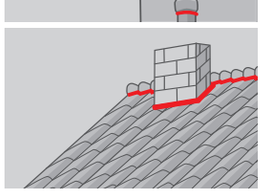




Synthetic Rubber Sealant LBU 521







Net content	Packaging	Units per box	Units per pallet
260-310 ml	cartridge	12	1440
600 ml (LBU 521)	foil (LBU 521)	25 (LBU 521)	1000 (LBU 521)

Bituminous Roof Sealant LBB 831

● PROFESSIONAL RANGE

Roof sealant LBB 831 is a one component plastic bitumen for general use. Sealant has a very good adhesion to most common building surfaces, such as concrete, plaster, metal, metal sheet, wood, cardboard and other bituminous surfaces. Once cured creates a stable, durable and water-resistant, tight joint.

APPLICATION:
- sealing of chimneys and gutters
- mutual bonding of tar paper sheets and combining with other structural elements
- filling joints, cracks and crevices in roofs and walls
- filling joints and edge profiling

BENEFITS / FEATURES:
- very good adhesion
- compatibility with bituminous materials
- meets standard of PN- EN 8339 norm

Parameters

Colours:	black
Application temperature:	from +10°C to +35°C
Tooling time:	up to 30 min.
Temperature resistance:	-50°C ÷ +90°C

Water Stop LBB 833

● PROFESSIONAL RANGE

It is one component plastic bitumen sealing for protecting surface from the humidity, effective even under water and during pouring rain. Water stop is excellent for variable casual repairs, creates efficient waterproof barrier and preparing base for following renovation works. Content of tarmac effects with excellent adhesion to bituminous and most of typical building surfaces, including metals.

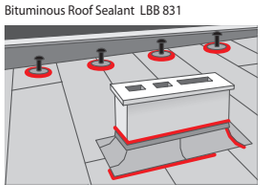
APPLICATION:
- repairing leaks, cracks and joints in roofs and gutters
- protection of roof-edge details and water outlets
- sealing of roof and wall joints
- excellent for temporary repairs

BENEFITS / FEATURES:
- can be applied to moisture surfaces
- excellent adhesion properties to most roofing materials
- 100% waterproof
- high resistance to UV
- asbestos free
- easy to use

Parameters

Colours:	black
Tooling time:	up to 40min.
Temperature resistance:	-50°C ÷ +90°C

Bituminous Roof Sealant LBB 831



adhesives

Formulas based on MS Polymers,
SPUR hybrids, solvents,
polyurethanes
and water dispersion

Mounting and construction
adhesives

Wood adhesives

Upholstery adhesives

Industrial adhesives

Parquet adhesives

ADHESIVES

The production of our adhesives could be adjusted to customer's request.
We offer different versions of the products (premium, standard or economical) and very wide possibilities of packaging.

MS POLYMERS / HYBRID MOUNTING ADHESIVES

MS POLYMER Extra Strong Mounting Adhesive KM-H-PB-6

One-component, hybrid, pasty adhesive, based on MS Polymers. It doesn't contain solvents, isocyanates and water. It is a universal product, which finds wide application. EMICODE Emission Class EC1 plus.

APPLICATION:
- bonding wide range of finishing materials to typical surfaces, such as: concrete, plaster, chipboard, wood, gypsum, brick, glass
- bonding of baseboards, plinths, doorsteps, floor panels, ceramic tiles
- bonding decorative elements made of wood, gypsum, cork, chipboard, stones, foamed polystyrene

BENEFITS / FEATURES:
- fast and durable initial tack
- flexible joint
- high final strength
- moisture resistant
- high resistance to UV radiation
- does not require use of primer
- excellent adhesion to most surfaces, both porous and non-porous, e.g. metal sheets, various synthetic materials or glass.

Parameters

Colorus: white, light grey, dark grey, brown, black.

Application temperature:	+5 ÷ +30°C
Optimal bonding temperature:	+15 ÷ +20°C
Temperature resistance:	-30 ÷ +80°C
Shelf Life:	12 months

MS POLYMER Transparent Mounting Adhesive KM-H-PT-5

A high-quality product MS Polymer based for bonding and sealing building materials indoors and outdoors. Can be used for structural bonding in vibrating constructions. The product is classified also as sealant and labelled according to the CE regulation.

APPLICATION:

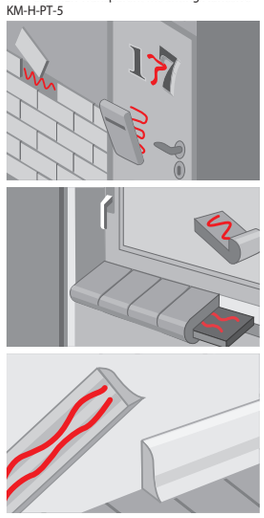
Excellent adhesion to almost all substrate. Very good weather resistance: resistant to UV radiation, humidity and temperature changes. The produt is solvent- and isocyanate-free. Non corrosive to metals and alkaline surfaces. For gluing glass, stone, polystyrene.

BENEFITS / FEATURES:
- adhesives and seals
- invisible joint
- 10 years warranty
- strong and flexible
- resistant to vibration and shock

Technical data

Colours:	transparent
Working time:	54 min (depending on ambient conditions and surface properties)
Flammability:	non-flammable
Thermal resistance - cured:	from -30°C to 60°C

MS POLYMER Transparent Mounting Adhesive KM-H-PT-5



Net content	Packaging	Units per box	Units per pallet
280-310 ml	cartridge	12	1440
600 ml	foil	25	1000

MS POLYMER High Tack Mounting Adhesive KM-H-PB-5

High initial tack adhesive in homogenous paste, based on MS Polymer. The product demonstrates very high initial tack. The adhesive is free of isocyanates, solvents and water. It is a universal product with broad application, creates flexible and UV resistant joint. The product is particularly recommended for bonding various heavy finishing elements to most common building surfaces.

APPLICATION:
- bonding various heavy finishing elements
- bonding of various elements to wood, glass, concrete, metal and plastic substrates
- bonding of slats, plinth, doorsteps, panels, ceramic tiles
- bonding of decorative elements made of wood, gypsum, cork, chipboard, metal, stones, polystyrene
- bonding of mineral and glass wool

BENEFITS / FEATURES:
- very fast initial tack
- flexible joint
- high final strength
- excellent tack to most typical surfaces (porous and non porous, like sheets or plastics)
- resistance to humidity
- next generation technology MS Polymer

Technical data

Colours:	white
Working time:	10-20 min (depending on ambient conditions and surface properties)
Flammability:	non-flammable
Thermal resistance - cured:	from -30°C to 60°C

Fast setting Hybrid Adhesive KM-H-PB-9

One-component, pasty, hybrid-based mounting adhesive which achieves high tack rapidly and cures in contact with humidity (can be used on damp surfaces). It doesn't contain solvents, isocyanates and water. It is a universal product which finds wide application.

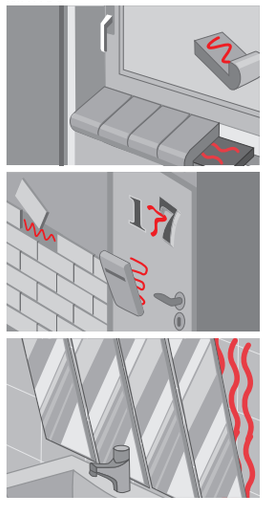
APPLICATION:
- bonding wide range of finishing materials to typical substrates such as: concrete, plaster, chipboard, wood, brick, glass
- bonding of baseboards, plinths, doorsteps, floor panels, ceramic tiles
- bonding decorative elements made of wood, cork, chipboard, stones, metals, laminates
- bonding synthetic materials (except PE, PP and Teflon)
- bonding mirrors

BENEFITS / FEATURES:
- final strength of adhesion joint is rapidly developed
- bonded joint can be handled after 20 minutes
- can be used on humid (but not wet) surfaces
- excellent adhesion to most surfaces, both porous and non-porous, e.g. metal sheets, various synthetic materials or glass
- high final strength
- flexible joint
- moisture resistant

Parameters

Application temperature:	+5 ÷ +30°C
Optimal bonding temperature:	+15 ÷ +20°C
Temperature resistance:	-30 ÷ +90°C
Shelf Life:	12 months

MS POLYMER High Tack Mounting Adhesive KM-H-PB-5



Net content	Packaging	Units per box	Units per pallet
280-310 ml	cartridge	12	1440
600 ml	foil	25	1000

WATER BASED MOUNTING ADHESIVES

Mounting Adhesive for Polystyrene KM-D-ST-1

Mounting adhesive for polystyrene KM-D-ST-1 is a one-part, homogenous paste adhesive based on acrylic dispersion recommended for bonding of light polystyrene and polyurethane elements to absorbent surfaces.

APPLICATION:
- bonding of acoustic and insulating materials made of polystyrene and polyurethane
- bonding of mineral and glass wool
- bonding of slats, panels, boards and decorative items made from polystyrene

BENEFITS / FEATURES:
- after cure forms white bond
- solvent-free
- easy application
- neutral odour
- non-flammable
- flexible

Technical data

Colours:	white
Working time:	10-15 min (depending on ambient conditions and subflo or properties)
Yield:	200-400 g/m^2
Thermal resistance-cured:	from -20˚C to 60°C

High Tack Universal Mounting Adhesive KM-D-PG-9

Mounting adhesive KM-D-PG-9 is a one-part, homogenous paste adhesive based on acrylic dispersion recommended for bonding of commonly used building materials during finishing and renovating works to absorbent surfaces. Product reveals excellent adherence to most typical building and finishing materials like polystyrene, ceramic tiles, wooden, metal and plastic elements, boards and foams, mineral wool. It is characterized by high initial bond.

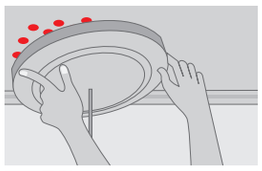
APPLICATION:
- bonding of acoustic and insulating materials
- bonding of decorative elements
- bonding of slats, panels, boards, ceramic tiles

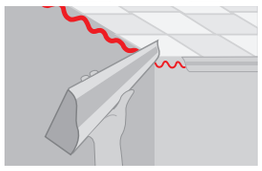
BENEFITS / FEATURES:
- **fast and durable initial tack**
- ready and easy to use
- solvent-free
- great adhesion to most building materials
- neutral odour
- non-flammable
- permanently flexible bond

Technical data

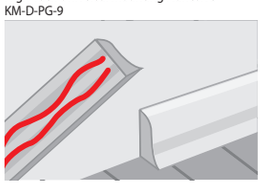
Colours:	white
Working time:	10-15 min (depending on ambient conditions and subfloor properties)
Yield:	300-500 g/m^2
Thermal resistance-cured:	from -20°C to 60°C

Mounting Adhesive for Polystyrene KM-D-ST-1





High Tack Universal Mounting Adhesive KM-D-PG-9



Net content	Packaging	Units per box	Units per pallet
260-310 ml	cartridge	12	1440
600 ml	foil	25	1000

Mounting Adhesive Transparent (when fully cured) KM-D-AT-1

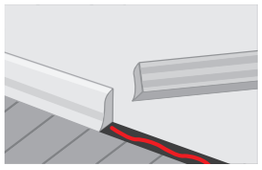
One-component mounting adhesive based on water dispersion, recommended for bonding various building materials used in finishing and repair works to absorbent surfaces such as: concrete, plaster, chipboard, wood, plasterboard, gypsum.

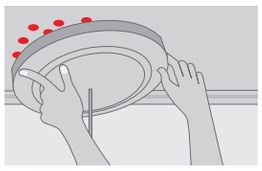
APPLICATION:
- bonding thermal and acoustic insulation materials
- bonding of decorative elements
- bonding skirting-boards, floor panels, boards, ceramic tiles

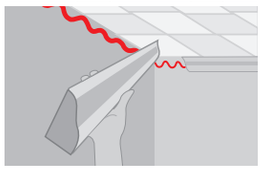
BENEFITS / FEATURES:
- solvent-free
- neutral odour
- non-flammable
- flexible joint
- humid-resistant
- transparent joint
- excellent adhesion to most building surfaces
- paintable after curing
- adheres to humid surfaces
- after curing forms smooth, dust resistant and easy to clean joint

Parameters

Application temperature:	+10 ÷ +30°C
Temperature resistance:	-20 ÷ +60°C
Shelf Life:	12 months







Net content	Packaging	Units per box	Units per pallet
260-310 ml	cartridge	12	1440

SOLVENT BASED MOUNTING ADHESIVES

Professional Universal Mounting Adhesive KM-R-PR-1

Mounting adhesive KM-R-PR-1 is a one-part, homogenous paste adhesive based on synthetic rubber in organic solvents recommended for bonding of commonly used building materials during finishing and renovating works.

APPLICATION:
- bonding of slats, plinth, doorsteps, panels, ceramic tiles
- bonding of decorative elements made of wood, gypsum, cork, chipboard, metal, stones, foamed polystyrene
- bonding of mineral and glass wool
- clamping of carpets and PVC floor coverings

BENEFITS / FEATURES:
- fast and durable initial tack
- easy application
- flexible joint
- high final strength
- excellent tack
- moisture resistant

Technical data

Colours: beige
Working time: 10-15 min (depending on ambient conditions and subfloor properties)
Yield: 300-500 g/m^2
Thermal resistance-cured: from -20°C to 60°C

Standard Universal Mounting Adhesive KM-R-UN-1

Mounting adhesive KM-R-UN-1 is a one-part, homogenous paste adhesive based on synthetic rubber in organic solvents recommended for bonding of commonly used building materials during finishing and renovating works.

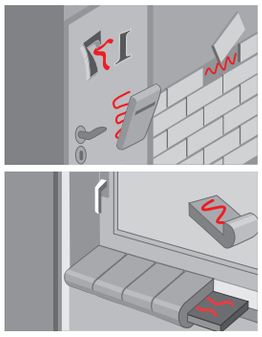
APPLICATION:
- bonding of slats, plinth, doorsteps, panels, ceramic tiles
- bonding of chipboard, metal, stones,

BENEFITS / FEATURES:
- fast initial grab
- flexible and durable joint
- moisture resistant

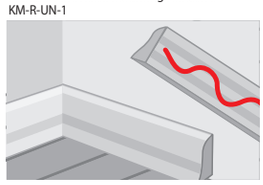
Technical data

Colours: beige
Working time: 10-15 min (depending on ambient conditions and subfloor properties)
Yield: 300-500 g/m^2
Thermal resistance-cured: from -20°C to 60°C

Professional Universal Mounting Adhesive KM-R-PR-1



Standard Universal Mounting Adhesive KM-R-UN-1



Net content	Packaging	Units per box	Units per pallet
260-310 ml	cartridge	12	1440
600 ml	foil	25	1000

Mirror Mounting Adhesive KM-R-LU-1

Mirror adhesive KM-R-LU-1 is a one-part, homogenous paste adhesive based on synthetic rubber in organic solvents recommended for bonding decorative and mosaic mirrors to all common building surfaces.

APPLICATION:
- fixing mirrors to walls
- bonding of decorative elements made of wood, gypsum, cork, chipboard, metal, stones, foamed polystyrene
- bonding of slats, ceramic tiles etc.

BENEFITS / FEATURES:
- non-corrosive towards mirror silvering
- excellent sticking power
- fast and durable bond
- easy application
- high final strength
- excellent tack

Technical data

Colours: beige
Working time: 10-20 min (depending on ambient conditions and subfloor properties)
Yield: 300-500 g/m^2
Thermal resistance-cured: from -20°C to 60°C

High Tack Mounting Adhesive KM-R-PR-6

One-component mounting adhesive based on synthetic rubber in organic solvents. Adhesive is used for various assembly and finishing works in construction.

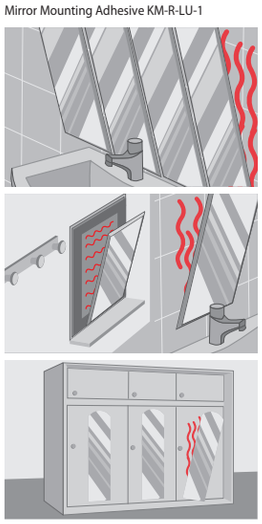
APPLICATION:
- bonding wide range of finishing materials to typical surfaces, such as: concrete, plaster, chipboard, wood, brick
- bonding of baseboards, plinths, doorsteps, floor panels, ceramic tiles
- bonding most materials, such as: brick, ceramic, plywood, wood, plastic (except PE and PP)
- bonding decorative elements made of wood, gypsum, cork, chipboard, ceramic

BENEFITS / FEATURES:
- fast and durable initial tack
- possibility of application at low temperatures (up to -20 °C)
- high final strength
- moisture resistant
- the adhesive can be used on most building types of subfloor, both absorbent and non- absorbent
- flexible joint
- exterior and interior applications
- for horizontal and vertical applications

Parameters

Application temperature: -20 ÷ +30°C
Optimal application temperature: +15 ÷ +20°C
Temperature resistance: -20 ÷ +60°C
Shelf Life: 12 months

Mirror Mounting Adhesive KM-R-LU-1



Net content	Packaging	Units per box	Units per pallet
260-310 ml	cartridge	12	1440
600 ml	foil	25	1000

Transparent Mounting Adhesive
KM-R-KT-1

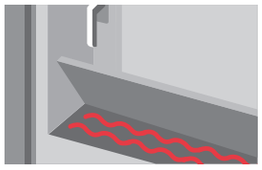
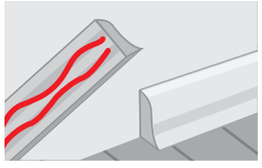
General propose rubber based adhesive. It forms strong, durable and transparent bond.

APPLICATION:
Recommended for interior and exterior gluing of slats, panels and boards of plastic, metal, gluing of coffers, rosettes and cornices of plaster and polyurethane, gluing of thermal and acoustical insulation materials. Product has excellent adhesion to most building materials: wood, concrete, brick, plaster, etc. For gluing glass, metal, plastik etc.

BENEFITS / FEATURES:
- transparent, invisible joint
- fast initial grip

Technical data

Colour:	transparent
Working time:	10-15 min (depending on ambient conditions and surface properties)
Yield:	150-300 g/m²
Flammability:	flammable uncured, non-flammable cured
Thermal resistance - cured:	from -20°C to 60°C

Net content	Packaging	Units per box	Units per pallet
260-310 ml	cartridge	12	1440
600 ml	foil	25	1000

PU ADHESIVES

Xtrem PU Mounting Adhesive
KPU 068, KPU 080, KPU 090

Xtrem PU mounting adhesive is a quick-set, beige, solvent free glue of polyurethane.

APPLICATION:
- furniture, stairs, wood constructions, sandwich board, isolating material, etc.
- very suitable for garden furniture and ships and for joints exposed to humidity
- very useful for vertical applications.
- inside and outside applications.

BENEFITS / FEATURES:
- paste formula, tixotropic
- great resistente to fresh and SALT water
- very high strength
- excellent adhesion to many material
- sandable, paintable and varnisable
- the product does not shrink when it cures
- D4 water-resistant class

Technical data

Colours:	beige, transparent, white
Working time:	10-15 min (depending on ambient conditions and surface properties)
Flammability:	non-flammable
Thermal resistance - cured:	from -30°C to 90°C

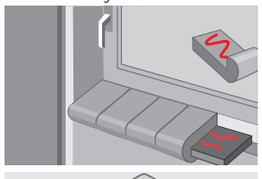
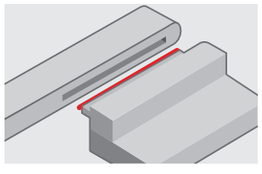
Polyurethane Wood Adhesive
KPU 1501

One-component polyurethane adhesive, curing by moisture from air or bonded materials. D4 water resistance classification according to European standards EN 204-205.
Adhesive is designed to bonding wooden elements or exotic wood, window or door woodwork. Bonding of outdoor joinery requiring very good resistance to humidity. Miscellaneous bondings in boat fittings. Bonding of rigid insulating foams like polyurethane foam, mineral wool or panels on plaster boards, fibre cement, steel sheets, chipboards and wood.

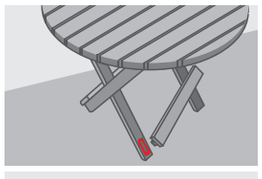
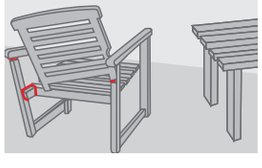
Technical data

Colours:	brown
Work temperature:	5-30˚C
Opening time:	5-7 (21˚C)
Pressing time:	50-60 min (20˚C) elements bents 70 min
Consumption:	120-250 g/m²
Temperature resistance on the assemblies:	-40˚C do 140˚C
Water-resistant class:	D4 EN 204-205
Resistance of frost:	yes

Xtrem PU Mounting adhesive KPU 068

Polyurethane Wood Adhesive KPU 1501

Net content KPU 068	Packaging KPU 068	Units per box KPU 068	Units per pallet KPU 068
300 ml	cartridge	12	1440

Volume KPU 1501	Packaging KPU 1501	Number of pieces per box KPU 1501	Number of pieces per pallet KPU 1501
800	plastic bottle	24	720

POLYCHLOROPRENE CONTACT ADHESIVES

Polychloroprene Contact Adhesive KK-R-BB-5

Polychloroprene contact adhesive KK-R-BB-5 is ready to use one-component adhesive. It is the solutions of synthetic rubbers and modifiers in a mixture of organic solvents. Contains no toluene. Adhesive is designed for the footwear industry for bonding natural and synthetic leather, felt, textile, rubber. It is recommended for furniture, automotive and building industry.

APPLICATION:

- bonding of natural and synthetic leather, rubber, textile, felt
- bonding of flooring covers and cork
- sticking of ceramic tiles
- suitable for gluing of softwood and other wood derivative materials

BENEFITS / FEATURES:

- universal
- easy-to-apply
- excellent adhesion to most building surfaces
- permanently flexible bond
- water and ageing resistant
- exterior and interior use

Technical data

Colours:	orange-brown
Open drying time:	up to 10 min (depending on ambient conditions)
Application of the next layer:	after 15 min (depending on ambient conditions and surface properties)

Thermal resistance of joint- cured: -30°C to +90°C

Polychloroprene Gel Contact Adhesive KK-R-QS-4

One-component contact adhesive based on a modified polychloroprene rubber with synthetic resins. It is a very versatile product suitable for many uses: rubber, wood, leather, metals, ceramics, cardboard fabrics, laminates, etc. It is advisable for special materials to carry out a test first. For metals a good surface preparation (degreasing) is essential.

APPLICATION:

- bonding of natural and synthetic leather, rubber, textile, felt, wood, ceramics
- bonding of flooring covers and cork
- bonding of veneer to chipboard and mdf board
- permanently flexible bond
- joints made with kk-r-qs-4 are resistant to moisture and not affected by grease, oils, petrol and alcohols

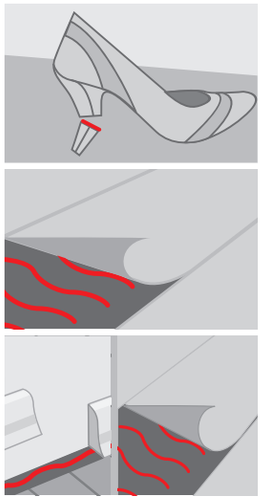
BENEFITS / FEATURES:

- gel texture avoids dripping and threads forming
- universal
- adhesion to most building surfaces

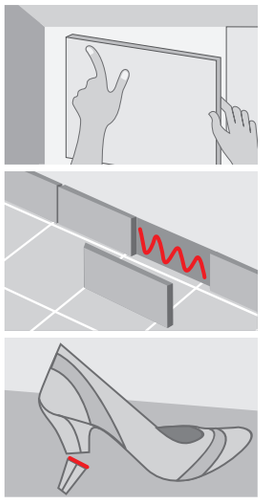
Technical data

Colours:	yellowish
Open time:	45 - 60 min (depending on ambient conditions and surface properties)
Application of the next layer:	after 15 min (depending on ambient conditions and surface properties)
Flammability:	highly flammable
Application temperature:	15˚C to 25˚C

Polychloroprene Contact Adhesive KK-R-BB-5



Polychloroprene Gel Contact AdhesiveKK-R-QS-4



Volume KK-R-BB-5	Packaging KK-R-BB-5	Number of pieces per box KK-R-BB-5	Number of pieces per pallet KK-R-BB-5
40 ml	tube	30	7020
200 ml	can	12	2400
800 ml	can	6	360
800 ml	can	6	720
5 l	pail	1	120
10 l	pail	1	48
20 l	pail	1	36

Volume KK-R-QS-4	Packaging KK-R-QS-4	Number of pieces per box KK-R-QS-4	Number of pieces per pallet KK-R-QS-4
250 ml	metal can	18	1080
500 ml	metal can	16	800
1000 ml	metal can	12	432
5 l	canister	2	108
24 l	metal pail		36

WOOD ADHESIVES

D2 class Wood Adhesive KD-D-D2-1

Wood adhesive KD-D-D2-1 is recommended for general purposes. It is based on polyvinyl acetate dispersion and achieves its end endurance very quickly. After hardening it gives a permanent and almost transparent hard weld, with good heat resistance and water resistance class according to PN-EN 204 - D2.

APPLICATION:
- furniture
- bonding doors, windows, balustrade
- sticking of constructions from wood, fiberboards, plywood
- suitable for gluing of softwood and other wood derivative materials

BENEFITS / FEATURES:
- durable, transparent joint
- quickly achievable end endurance
- solvent-free
- neutral odour
- non-flammable

Technical data

Colours: white/colourless
Working time: up to 10 min (depending on ambient conditions)
Yield: 150-200g/m^2

D3 class Wood Adhesive KD-D-D3-1

Wood adhesive KD-D-D3-1 is recommended for all joinery works requiring water resistance. It is based on polyvinyl acetate dispersion and achieves its end endurance very quickly. After hardening it gives a permanent and almost transparent hard weld, with good heat resistance and water resistance class according to PN-EN 204 – D3.

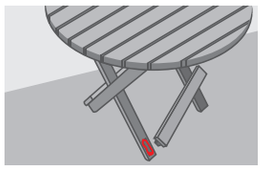
APPLICATION:
- furniture for kitchen, bathroom and garden
- bonding doors, windows, balustrade
- sticking of constructions from wood, fiber boards, plywood, door and window frames
- suitable for gluing of softwood, hardwood and tropical wood

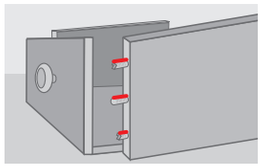
BENEFITS / FEATURES:
- increased resistance to the humidity
- rapidly reaches the final strength
- good heat resistance
- solvent-free
- neutral odour
- non-flammable

Technical data

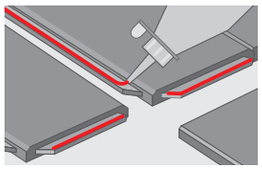
Colours: white
Working time: up to 10 min (depending on ambient conditions)
Application temperature: min. 8-10˚C
Yield: 150-200 g/m^2
Thermal resistance - cured: up to 80˚C

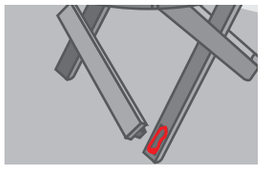
D2 class Wood Adhesive KD-D-D2-1





D3 class Wood Adhesive KD-D-D3-1





Volume	Packaging	Number of pieces per box	Number of pieces per pallet
0,2	plastic bottle	12	1368
0,5	plastic bottle	12	840
0,75	plastic bottle	6	528
1	plastic pail	6	384
5	plastic pail	-	120
10	plastic pail	-	55
20	plastic pail	-	27
32	plastic pail	-	12
100	drum	-	2

D4 class One-Component Wood Adhesive KD-D-D4-6

One-component universal wood adhesive based on water dispersion of polyvinyl acetate. Recommended for applications requiring humidity resistance.

APPLICATION:
- bonding all kinds of wood (including wood subject to humidity, e.g. kitchen, bathroom, garden furniture)
- recommended for applications requiring humidity resistance. It is recommended for bonding of doors, windows, stairs, garden furniture and other wood elements exposed to weather conditions or high humidity

BENEFITS / FEATURES:
- in reaction with hardener containing aluminium salts, the adhesive gives joint with water resistance of class D4 according to PN-EN 204 standard
- one-component
- high temperature resistance, according to WATT 91 can be used hot and cold
- application in hot conditions significantly shortens the production process
- after mixing with hardener it has long pot life, up to 5 days
- durable joint
- achieves final strength rapidly
- non-flammable
- neutral odour
- solvent-free
- colourless joint

Parameters

Application temperature: +8 ÷ +30°C
Working time (depending on ambient conditions and subfloor properties: +15 ÷ +20°C
Shelf Life: 6 months

ADHESIVES FOR DEDICATED APPLICATION

STP Hybrid One-Component Parquet Adhesive KP-H-PR-3

KP-H-PR-3 is a single one-component flexible adhesive. It has an excellent adheression perfectly without primer to most substrates, such as wood, concrete and, stone

APPLICATION:

Designed specially expressly designed for special parquet flooring, laminated parquet flooring, paving woodblocks, resin-impregnated parquet flooring, standing timber and varnished parquet flooring, plywood parquet flooring and exotic species parquet (teak, bamboo, etc.).
Recommended for all kinds of parquet size/sorce.

BENEFITS / FEATURES:

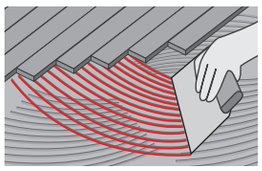
- extremely flexible
- for all building surfaces
- for all type of parquet
- odourless

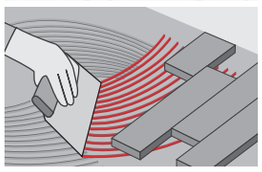
Technical data:

Colours:	beige
Working time:	50-120 min (depending on ambient conditions and subfloor properties)
Yield:	650 – 1000 g/m^2
Flammability:	non-flammable
Thermal resistance - cured:	from -40˚C to 90˚C

For roofing KM-H-PS-2

Hybrid mounting adhesive is one-component, universal adhesive, curing in contact with humidity. It doesn't contain solvents, isocyanates and water. Adhesive recommended for various assembly and finishing works in construction.





APPLICATION:

- bonding of various elements to wood, glass, concrete, metal and plastic substrates
- joining elements of gutters made of copper, galvanized steel, PVC
- joining together elements of roofing materials
- bonding of baseboards, plinths, doorsteps, floor panels, ceramics tiles
- bonding decorative elements made of wood, gypsum, cork, chipboard, metal, stones, foamed polystyrene
- bonding of mineral and glass wool

BENEFITS:

- fast and durable initial tack
- flexible joint
- high final strength
- moisture restistant
- excellent adhesion to most surfaces, both porous and non-porouse, e.g. metal sheets, various synthetic materials or glass
- does not require primer
- high resistance to UV radiation
- good adhesion to humid surfaces

Technical data:

Colour:	grey
Working time:	10-20 min
Curing rate:	2 mm/24 h
Application temperature:	+5°C to +30°C
Packaging temperature:	+5°C to +25°C
Shelf life:	12 months

For EPDM tapes KM-H-PC-5 Hybrid

One-component hybrid mounting adhesive is a universal product, curing in contact with humidity. It doesn't contain solvents, isocyanates and water. It gives black joint resistant to weather conditions and UV radiation. Adhesive recommended for various assembly and finishing works in construction.

APPLICATION:

- bonding of various elements to wood, glass, concrete, metal and plastic substrates
- bonding EPDM rubber to facades
- bonding wide range of finishing materials to typical surfaces, such as: concrete, plaster, chipboard, wood, gypsum, brick, glass, metal.

BENEFITS:

- fast and durable initial tack
- flexible joint
- high final strength
- moisture resistant
- excellent adhesion to most surfaces, both porous and non-porous, e.g. metal sheets, various synthetic materials or glass
- high resistance to UV radiation

Technical data:

Colour:	black
Working time:	5-15 min
Curing rate:	3-4 mm/24 h
Application temperature:	+5°C to +30°C
Packaging temperature:	+5°C to +25°C
Shelf life:	12 months

For EPDM tapes KK-R-FA-1 Contact

One-component adhesive based on synthetic resins in organic solvents. It is designed for bonding EPDM to various types of elevation in window assembly.

APPLICATION:

- bonding EPDM rubber to facades

BENEFITS:

- easy to application
- mild odour
- long open time
- durable initial tack
- high final strength

Technical data:

Colour:	black
Working time:	<30 min
Final strength in normal conditions:	>3 days
Temperature resistance:	< +80°C
Application temperature:	+5°C to +30°C
Packaging temperature:	+5°C to +25°C
Shelf life:	12 months

According to current expectations of our Customers regarding environment protection, several of our products are prepared in phthalate-free version and classified as EMICODE EC1 plus.

notes

www.private-labels.eu