

# PENOSIL

*We save energy /*

## Product Catalogue

PU Foams

Sealants

Adhesives

Coatings

Tapes

Cleaners







Each Penosil product category focuses on a specific application area. All related filling, sealing, and adhering products have been carefully grouped together and are easily recognisable by their category colour. Each of these categories offers a complete solution for a specific construction or renovation work, enabling users to achieve high-quality results easier and faster. Even though our products have a brand-new look, inside, you still find the same trusted Penosil quality.

The latest addition to the Penosil family is our Sustainable Construction category which offers a full range of innovative and sustainable construction products for sealing, bonding and filling works. The products in this category are created for people who embrace sustainable practices and want to minimise the environmental impact of their construction processes.

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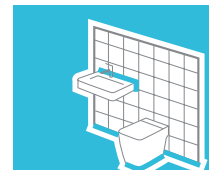


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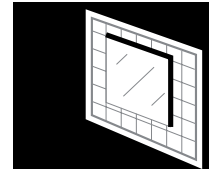


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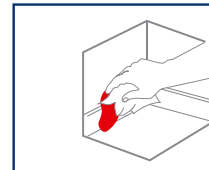
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# General Construction Category





## Properly insulated and well-sealed buildings

**General Construction** is our most extensive and versatile category. Here we have combined products that can be used for a multitude of works around the construction site. Most of these products are multipurpose, adhere to the most common construction materials, and are suitable for interior and exterior use.

The **General Construction** category has products for weatherproofing, insulating, glazing, adhering and many other building activities.

PU foams		Expanding tapes	
<b>EasyGun Foam 108</b>	5	<b>Expanding Tape 600Pa</b>	12
<ul style="list-style-type: none"> <li>Accesses narrow and deep gaps</li> <li>With EasyGun applicator</li> </ul>		<ul style="list-style-type: none"> <li>Sealing connection and expansion joints</li> <li>B1 fire class</li> </ul>	
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<ul style="list-style-type: none"> <li>Sealing and filling window and door joints</li> <li>High yield</li> </ul>		<ul style="list-style-type: none"> <li>Sealing connection and expansion joints</li> <li>B2 fire class</li> </ul>	
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<b>Low Expansion Gunfoam 150</b>	7	<ul style="list-style-type: none"> <li>Closed-cell foam backer rod</li> <li>Flexible and compressible</li> </ul>	
<b>Low Monomer Gunfoam 122</b>	8	Solvent-based primers	
<ul style="list-style-type: none"> <li>Multipurpose sealing and filling</li> <li>&lt;0.1% diisocyanates</li> </ul>		<b>Primer All Surfaces 409</b>	13
<b>Gunfoam Extreme -15°C 190</b>	9	<ul style="list-style-type: none"> <li>Improve adhesion and wear resistance</li> <li>For porous and non-porous surfaces</li> </ul>	
<b>All Purpose Gunfoam Winter 165</b>	9	Acrylic primers	
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<b>Universal Gunfoam 146</b>	10	<ul style="list-style-type: none"> <li>Primer for porous surfaces</li> <li>Improves adhesion</li> </ul>	
<ul style="list-style-type: none"> <li>General construction works</li> <li>Low curing pressure</li> </ul>		Acrylic fillers	
<b>Universal Strawfoam 265</b>	10	<b>PrefaSeal 635</b>	14
<ul style="list-style-type: none"> <li>General construction works</li> <li>High expansion</li> </ul>		<ul style="list-style-type: none"> <li>For concrete ceiling and wall joints</li> <li>Non-shrinking</li> </ul>	
<b>2K Foam B2 202</b>	11	Acetoxy silicone sealants	
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<b>MouseStop Foam 299</b>	11	<ul style="list-style-type: none"> <li>Sealing in wet and humid areas</li> <li>Elastic and mould resistant</li> </ul>	
<ul style="list-style-type: none"> <li>Filling holes and penetrations</li> <li>With mouse- and pest-repellent additives</li> </ul>		<b>Universal Silicone 315 &amp; 315c</b>	15
		<ul style="list-style-type: none"> <li>General building works</li> <li>UV, moisture and ageing resistant</li> </ul>	

## Oxime silicone sealants

### Natural Stone Silicone 370 16

- For natural stone surfaces
- High movement capability ( $\pm 25\%$ )

### General Silicone 339 & 339c 17

- For facade and roof joints
- Great adhesive properties

### Building Silicone 366 17

- Interior and exterior construction works
- MEKO Free

### Building Silicone 376 18

- Filling, sealing and glazing
- Mould resistant

### Building Silicone No Meko 352 18

- High movement capability ( $\pm 25\%$ )
- MEKO Free

### Building Silicone 322 & 322c 19

- Filling, sealing and glazing
- High movement capability ( $\pm 25\%$ )

## Hybrid sealants

### Universal Seal&Fix Hybrid 711 & 711c 20

- Sealant and adhesive in one
- Adheres to damp surfaces

### Ventilation Hybrid 710 21

- For ventilation works
- Highest resistance to mould growth

## Acrylic sealants

### Ventilation Acrylic 676 21

- For heating, ventilation and air conditioning (HVAC) ducts
- Good movement capability ( $\pm 12.5\%$ )

## Lubricants

### Spray Silicone 353 22

- Non-stick lubricant spray
- Reduces friction

## Tools

### FoamGun G1 22

- Lightweight
- Long and thin barrel mouth

### FoamGun P1 23

- Long barrel for deep joints
- Single-part extrusion rod

### FoamGun S1 23

- 4 barrel extensions
- Universal adapter

### FoamGun C1 24

- Resistant to solvents
- Stainless-steel needle

### FoamGun Long T1 24

- For excessively low or high areas
- Extra-long extrusion barrel: 775 mm

### Cartridge Gun PH1 25

- Heavy duty
- Pushing power up to 15 bars

### Cartridge Gun SH1 25

- Lightweight
- Hook for hanging

### Foil Pack Gun MH6 26

- Up to 600 ml foil packs
- Manual

### Foil Pack Gun Pneumatic PH6 26

- Up to 600 ml foil packs
- Pneumatic

### Foil Pack Gun MH4 27

- Up to 400 ml foil packs
- Manual

### Foil Pack Gun Pneumatic PH4 27

- Up to 400 ml foil packs
- Pneumatic



# EasyGun Foam 108



- Special EasyGun applicator
- Accesses narrow and deep gaps
- Excellent air tightness, thermal and sound insulation properties
- Prevents thermal bridges
- High mechanical strength
- Can be used with a gun or applicator

Insulating narrow joints.

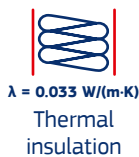
Installing and sealing windows and doors.

Filling and insulating narrow and deep penetrations, cracks and gaps that are hard to access with a gun or traditional straw applicator.

Enhancing thermal and sound insulation.

Reducing the impact of thermal bridges.

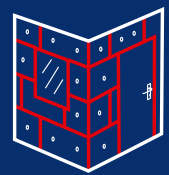
All-season insulation gun foam with EasyGun applicator



Colour



750 ml aerosol can



All-season one-component polyurethane gun foam with patented EasyGun applicator. **Easy-Gun Foam 108** can be applied either with a foam gun or EasyGun applicator, making it a more versatile product than traditional gun foams.

**Penosil EasyGun applicator** allows to access cracks and gaps that are impossible to seal with a traditional foam straw or gun.



EasyGun applicator is easy to use and can be attached to the gun valve in just a few simple movements.

In the EasyGun applicator, we have fused together functional design, ergonomic qualities and top-quality user experience.

#### Application:

Fill the joints up to approx. 65%.

Air temperature during use: -10°C to +30°C.

#### Technical data

Properties	Value
Tack-free time (EN 17333-3)	6...10 min
Cutting time (30 mm bead, EN 17333-3)	<30 min
Fully cured in joint, 3x5 cm (+23°C)	<8 h
Curing pressure (EN 17333-2, moistened surfaces)	<3.5 kPa
Post expansion (EN 17333-2)	<80%
Density in joint, 3x10 cm (WGM106)	15...19 kg/m <sup>3</sup>
Dimensional stability (EN 17333-2, moistened surfaces)	<8%
Temperature resistance of cured product	-50...+90°C
Reaction to fire classification (EN 13501-1)	F
Fire class of cured foam (DIN 4102-1)	B3
Tensile strength / elongation (EN 17333-4, moistened surfaces)	>70/17 kPa/%
Compression strength (EN 17333-4, moistened surfaces)	>30 kPa
Shear strength (EN 17333-4, moistened surfaces)	>40 kPa
Thermal conductivity (EN 12667, EN 17333-5)	0.03 W/(m·K)
Sound reduction index R <sub>st,w</sub> (EN ISO 10140)	62 dB
Water vapour permeability (EN 12086)	<0.06 mg/(m·h·Pa)

The values specified were obtained at +23°C and 50% relative humidity, unless otherwise specified. These values may vary depending on environmental factors such as temperature, moisture and type of substrates.

# All Purpose Gunfoam 172



Multipurpose construction gun foam  
for various sealing and filling works



- Low curing pressure
- Excellent insulation properties
- Works well in hot temperatures (up to +40°C)
- High yield
- Moderate post-expansion

Sealing and filling window and door joints.

Filling and insulating openings, cracks, gaps and penetrations (cable and pipe penetrations).

Sealing connecting joints.

Enhancing thermal and sound insulation.

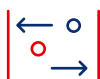
Reducing the impact of thermal bridges.



\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présent sur un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).



High yield



Low curing  
pressure



$\lambda = 0.033 \text{ W/(m·K)}$   
Thermal  
insulation



Interior &  
Exterior use

Colour



750 ml aerosol can



One-component construction gun foam with high yield for all-round sealing, insulating and filling works.

Ensures airtight and soundproof sealing of pressure-sensitive joints.

Fill the joints up to approx. 65%.

Air temperature during use: +5°C to +40°C.

#### Limitations:

Cured foam needs to be covered with a suitable material to protect against UV rays.

#### Technical data

Properties	Value
Tack-free time (EN 17333-3)	6...10 min
Cutting time (30 mm bead, EN 17333-3)	<30 min
Fully cured in joint, 3x5 cm (+23°C)	<8 h
Curing pressure (EN 17333-2, moistened surfaces)	<2 kPa
Post expansion (EN 17333-2)	<80%
Density in joint, 3x10 cm (WGM106)	12...16 kg/m <sup>3</sup>
Dimensional stability (EN 17333-2, moistened surfaces)	<2%
Temperature resistance of cured product	-50...+90°C
Reaction to fire classification (EN 13501-1)	F
Fire class of cured foam (DIN 4102-1)	B3
Tensile strength / elongation (EN 17333-4, moistened surfaces)	>95/13 kPa/%
Compression strength (EN 17333-4, moistened surfaces)	>25 kPa
Shear strength (EN 17333-4, moistened surfaces)	>35 kPa
Thermal conductivity (EN 12667, EN 17333-5)	0.033 W/(m·K)
Sound reduction index R <sub>st,w</sub> (EN ISO 10140)	62 dB
Water vapour permeability (EN 12086)	<0.06 mg/(m·h·Pa)

The values specified were obtained at +23°C and 50% relative humidity, unless otherwise specified. These values may vary depending on environmental factors such as temperature, moisture and type of substrates.



## Gap Filling Strawfoam 278



All-season straw foam for exterior and interior filling works



$\lambda = 0.033 \text{ W/(m·K)}$   
Thermal insulation



62 dB  
Sound insulation



High yield

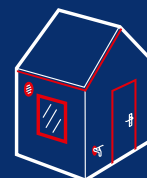


Interior & Exterior use

Colour



440 ml / 750 ml aerosol can



- High post expansion
- All season (-10°C to +30°C)
- Excellent insulation properties
- High yield
- Prevents thermal bridges

Filling larger holes and gaps.

Insulating penetrations.

Sealing connecting joints.



## Low Expansion Gunfoam 150



Insulation gun foam with very low curing pressure for various sealing and filling works



Low curing pressure



$\lambda = 0.030 \text{ W/(m·K)}$   
Thermal insulation



Fire class



Interior & Exterior use

Colour



750 ml aerosol can



- All season (-10°C to +30°C)
- B2 fire class
- Low curing pressure
- Moderate post-expansion
- Prevents thermal bridges

Sealing windows and doors.

Sealing other narrow and pressure-sensitive joints.

Insulating pipe penetrations.



\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présent un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (les faibles émissions) à C (fortes émissions).

# Low Monomer Gunfoam 122



Multipurpose insulation gun foam with very low diisocyanate content

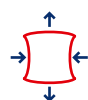


- <0.1% diisocyanates
- Low curing pressure
- Enhanced UV resistance
- Excellent movement capability
- No need for additional moistening
- Dense and flexible texture

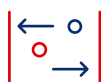
Sealing narrow, pressure-sensitive and moveable joints.

Installing and sealing windows and doors.

Filling and insulating narrow and deep penetrations, cracks and gaps that are hard to access with a gun or traditional straw applicator.



Elastic



Low curing pressure



$\lambda = 0.034 \text{ W/(m·K)}$   
Thermal insulation

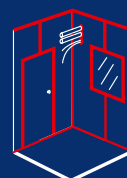


Interior & Exterior use

Colour



700 ml aerosol can



One-component polyurethane gun foam with very low diisocyanate monomer content (<0.1%) and special EasyGun applicator.

**Low Monomer Gunfoam 122** can be applied either with a foam gun or EasyGun applicator, making it a more versatile product than traditional gun foams.

**Penosil EasyGun applicator** allows to fill and insulate narrow and deep gaps and other hard-to-access joints.



The applicator can access cracks and gaps that are impossible to seal with traditional foam straw or gun.

EasyGun applicator is easy to use and can be attached to the gun valve in just a few simple movements.

#### Application:

Fill the joints up to approx. 65%.

Air temperature during use: +5°C to +30°C.

#### Technical data

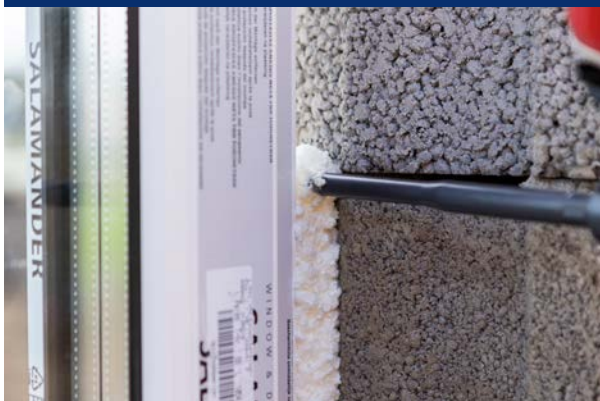
Properties	Value
Tack-free time (EN 17333-3)	23...27 min
Cutting time (30 mm bead, EN 17333-3)	<70 min
Fully cured in joint, 3x5 cm (+23°C)	<48 h
Curing pressure (EN 17333-2, dry surfaces)	<1.5 kPa
Post expansion (EN 17333-2)	<80%
Density in joint, 3x10 cm (WGM106)	15...19 kg/m <sup>3</sup>
Dimensional stability (EN 17333-2, moistened surfaces)	<3%
Temperature resistance of cured product	-50...+70°C
Reaction to fire classification (EN 13501-1)	F
Fire class of cured foam (DIN 4102-1)	B3
Tensile strength / elongation (EN 17333-4, moistened surfaces)	>95/40 kPa/%
Compression strength (EN 17333-4, moistened surfaces)	>15 kPa
Shear strength (EN 17333-4, moistened surfaces)	>65 kPa
Thermal conductivity (EN 12667, EN 17333-5)	0.034 W/(m·K)
Sound reduction index R <sub>st,w</sub> (EN ISO 10140)	62 dB
Movement capability (WGM113)	±25%

The values specified were obtained at +23°C and 50% relative humidity, unless otherwise specified. These values may vary depending on environmental factors such as temperature, moisture and type of substrates.



# Gunfoam Extreme -15°C

## 190 ❄️ Winter



High-yield winter gun foam for insulating, filling and sealing works



60 l  
High yield



$\lambda = 0.030 \text{ W/(m·K)}$   
Thermal insulation



62 dB  
Sound insulation



Interior &  
Exterior use

Colour



750 ml aerosol can



- Works well in cold temperatures
- Very high yield
- High mechanical strength
- Prevents thermal bridges
- Excellent insulation properties

Sealing and filling windows and doors in wintertime.

Filling holes and gaps.

Insulating penetrations.

Sealing connecting joints.



\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présenter un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

# All Purpose Gunfoam Winter

## 165 ❄️ Winter -10°C



Multipurpose winter gun foam for sealing and filling works



Winter use



$\lambda = 0.030 \text{ W/(m·K)}$   
Thermal insulation



62 dB  
Sound insulation



Interior &  
Exterior use

Colour



750 ml aerosol can



- Works well in cold temperatures
- High mechanical strength
- Prevents thermal bridges
- Low curing pressure and moderate post-expansion
- Excellent airtightness

Sealing and filling window and door joints.

Filling and insulating openings, cracks, gaps and penetrations (cable and pipe penetrations).

Sealing connecting joints.



\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présenter un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

# Universal Gunfoam 146



Universal filling gun foam for general construction works



- Good filling properties
- Non-shrinking
- Low curing pressure
- Excellent air tightness
- Prevents thermal bridges

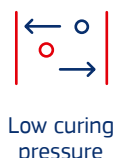
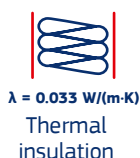
Filling holes and gaps.

Insulating penetrations.

Sealing connecting joints.



\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).



Colour



750 ml aerosol can



# Universal Strawfoam 265



Universal insulation straw foam for exterior and interior filling and insulating works



- High expansion
- Excellent air tightness
- Good filling properties
- Non-shrinking
- Low curing pressure

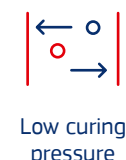
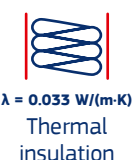
Filling and insulating openings, cracks, gaps and penetrations (cable and pipe penetrations).

Filling plasterboard joints.

Enhancing thermal and sound insulation.



\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).



Colour



750 ml aerosol can





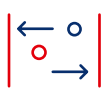
## 2K Foam B2 202



Two-component straw foam with B2 fire class for filling, installing and insulating areas that are difficult to access or require mechanical strength



Fast



Low curing pressure



$\lambda = 0.026 \text{ W/(m·K)}$

Thermal insulation



- Fast curing
- Solid texture
- No need for additional moistening
- B2 fire class
- Low post-expansion

Filling areas that are difficult to access or require mechanical strength.

Insulating gaps and penetrations in areas where air humidity is low and additional moistening is not possible.

Insulating vehicles, containers and equipment.



\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (plus faibles émissions) à C (plus élevées).



Interior & Exterior use

Colour



400 ml aerosol can



## MouseStop Foam 299



Filling straw foam with pest- and mice-repellent additives



$\lambda = 0.033 \text{ W/(m·K)}$

Thermal insulation



62 dB

Sound insulation



Big expansion



- With mouse- and pest-repellent additives
- High expansion and good filling properties
- High yield
- Excellent airtightness
- High thermal and sound insulation

Blocking mice, termites and other pests from entering the house.

Filling holes.

Insulating penetrations.

Sealing gaps and cracks.



\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (plus faibles émissions) à C (plus élevées).



Interior & Exterior use

Colour



365 ml aerosol can



## Expanding Tape 600Pa



Self-expanding BG1 polyurethane tape for sealing connection and expansion joints



Elastic



Weather- and  
UV proof



Airtight



- B1 fire class
- BG1 certified (DIN 18542)
- Impermeable to driving rain  $\geq 600\text{Pa}$
- Self-expanding
- UV proof

Sealing wooden and log houses.

Sealing prefabricated and concrete structures.

Sealing door- and window frames, and facade joints.

Insulating roof elements and soundproofing internal and partition wall joints.

Sound and vibration proofing ventilation devices and in the car industry.



\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présenté un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).



Interior &  
Exterior use

Colour



Tape width: 10 mm; roll length: 10 m, 12.5 m  
Tape width: 15 mm; roll length: 5.6 m, 8 m, 10 m  
Tape width: 20 mm; roll length: 4.3 m, 5.6 m, 8 m  
Tape width: 25 mm; roll length: 3.3 m, 4.3 m  
Tape width: 30 mm; roll length: 3.3 m  
Tape width: 40 mm; roll length: 3.3 m

## Expanding Tape 300Pa



Self-expanding elastic tape for sealing connection and expansion joints



Elastic



Airtight



Vapour  
permeable



- Self-expanding, fills uneven surfaces
- Permanent elasticity
- Impermeable to driving rain  $\geq 300\text{Pa}$
- B2 fire class
- Thermal and sound insulation

Sealing wooden and log houses, prefabricated and concrete structures.

Sealing door- and window frame joints, and between roof elements.

Soundproofing internal and partition wall joints.

Sound and vibration proofing ventilation devices and in the car industry.



Interior &  
Exterior use

Colour

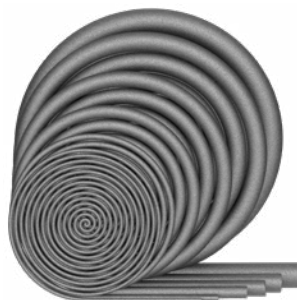


Tape width: 10 mm; roll length: 10 m, 12.5 m  
Tape width: 15 mm; roll length: 5.6 m, 8 m, 10 m  
Tape width: 20 mm; roll length: 4.3 m, 5.6 m, 8 m  
Tape width: 25 mm; roll length: 3.3 m, 4.3 m  
Tape width: 30 mm; roll length: 3.3 m  
Tape width: 40 mm; roll length: 3.3 m

## Backer Rod PE 450



Closed-cell foam backer rod for filling joints and gaps before sealing



- Flexible and compressible
- Non-absorbent
- Fast and easy installation
- Prevents moisture from penetrating building's structure
- Creates an even joint depth and supports the sealant

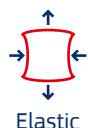
Backing and sealing various joints, providing consistent and uniform seal.

Filling and sealing joints in general construction, between panelling, boards, window and door frames.

Filling facade and floor expansion and control joints.

Controls the sealant's depth, minimises the amount of sealant used.

Prevents joint failure and sealant's three-sided adhesion.



Elastic



Waterproof



Thermal insulation



Interior & Exterior use

Colour



06 mm, 1500 m/box  
010 mm, 550 m/box  
020 mm, 150 m/box  
025 mm, 200 m/box  
030 mm, 160 m/box  
040 mm, 270 m/box



## Primer All Surfaces 409



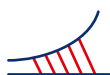
Multipurpose primer for porous and non-porous surfaces



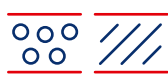
- Adhesion promotor
- Easy to use
- Non-corrosive to metals
- Fast drying
- Transparent

Treating porous and non-porous surfaces to improve wear resistance and adhesion of sealants.

Improving the adhesion of hard-to-adhere materials such as plastics, metals, etc.



High adhesion



Porous and non-porous surfaces



Low odour

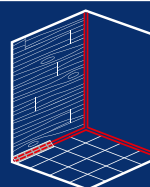


Interior & Exterior use

Colour



1 l bottle





## BetPrimer 603



Water-based primer that strengthens and improves adhesion and primes interior and exterior surfaces prior to finishing works



- Improves adhesion on porous surfaces
- Easy to use
- Quick drying
- Elastic structure
- Strengthens and improves wear resistance

Treating porous surfaces to improve adhesion and wear resistance.

Treating surfaces prior to applying hydro-insulating mastics, putties, screed mixtures for cement systems and floor substrates, tiling, etc.

Improving the bond of porous wall or ceiling surfaces prior to wallpapering, painting, etc.

Strengthening plastered surfaces.



Low VOC



Low odour



Cleanable with water

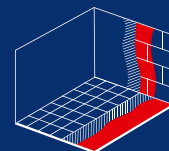


Interior & Exterior use

Colour



1 l bottle  
3 l / 10 l / 25 l  
canister



## PrefaSeal 635



Ultra-light ready-to-use filler for concrete ceiling and wall joints



- Can be used on humid surfaces
- Water resistant
- Ready to use
- Ultra-light
- Non-shrinking

Filling horizontal and vertical joints between concrete elements.



\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).



Does not shrink



Fast



Can be painted

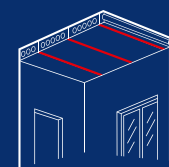


Interior & Exterior use

Colour



16 l bucket



# All Purpose Silicone 304



Multipurpose acetoxy silicone for general building works



Weatherproof



Elastic



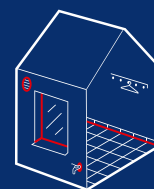
Fast



Interior &  
Exterior use

Colour

300 ml cartridge



- UV, moisture and ageing resistant
- Permanently elastic
- Mould resistant
- Excellent mechanical properties
- Fast curing

Filling and sealing various interior and exterior joints.

Sealing joints in wet and humid areas.



\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (plus faibles émissions) à C (plus fortes émissions).

CE G-CC:25LM; S:XS1

# Universal Silicone 315 & 315c



Universal acetoxy silicone for interior and exterior building works



Weatherproof



Elastic



Fast



Interior &  
Exterior use

Colour

280 ml cartridge



- Excellent mechanical properties
- UV, moisture and ageing resistant
- Fast curing
- Permanently elastic
- Mould resistant

Sealing joints during general construction and repair works.

Filling and sealing various interior and exterior joints.



CE 315: F INT-EXT-CC; G-CC; S - S1  
315c: F INT; S - S

# Natural Stone Silicone 370



Multipurpose building silicone for natural stone surfaces



- Suitable for natural stone surfaces
- High movement capability ( $\pm 25\%$ )
- Fast curing
- Excellent workability
- UV, weather and ageing resistant
- Highest sanitary class: XS1
- Excellent adhesion on many porous and non-porous materials including metals
- Practically odourless
- Safe to use

Sealing joints on natural stone surfaces such as marble and granite.

Sealing joints on porous surfaces such as concrete.

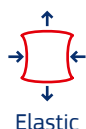
Sealing and weatherproofing moveable joints such as window and door, facade joints, etc.

Sealing joints in wet and humid areas.



\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (plus faible émission) à C (forte émission).

CE F-EXT-INT-CC:25HM; G-CC: 25HM; S: XS1



Elastic



Mould resistant



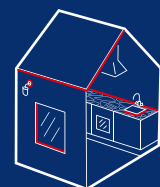
Weatherproof



Interior & Exterior use



300 ml cartridge



Multipurpose neutral silicone with high elasticity for sealing natural stone surfaces such as marble, granite and concrete.

Does not stain natural stone surfaces.

Also suitable for interior and exterior general construction works.

#### Limitations:

Corrosive to uncovered metals.

The values specified were obtained at +23°C and 50% relative humidity, unless otherwise specified. These values may vary depending on environmental factors such as temperature, moisture and type of substrates.

#### Technical data

Properties	Value
Basis	Oxime
Density (DIN 53 479-B)	1.01 g/ml
Tack-free time	5...10 min
Skin forming time	10...15 min
Curing rate	3...4 mm/24h
Resistance to flow (ISO 7390)	0 mm
Intensity of microbiological growth (ISO 846)	0
Application temperature	+5...+40°C
Service temperature	-40...+150°C
Movement capability (ISO 11600)	$\pm 25\%$
Elastic recovery (ISO 7389)	>85%
Shore A hardness (ISO 868)	23...26

#### Properties of cured sealant

E-Modulus 100% (ISO 37)	0.4...0.45 N/mm <sup>2</sup>
Tensile strength (ISO 37)	1.4...1.5 N/mm <sup>2</sup>
Elongation at break (ISO 37)	>400%
E-Modulus 100% (ISO 8339)	0.42...0.46 N/mm <sup>2</sup>
Tensile strength (ISO 8339)	0.5...0.55 N/mm <sup>2</sup>
Elongation at break (ISO 8339)	150%



## General Silicone 339 & 339c



Neutral silicone for weatherproofing and general construction works



- Weather, ageing and mould resistant
- Permanently elastic
- Suitable for natural stone surfaces
- Great adhesive properties
- Safe to use

General construction filling and sealing works.

Filling and sealing facade and roof joints.

Sealing natural stone surfaces.

Installing decorative elements, etc.

CE 339: F-EXT-INT:12,5P; S:S1  
339c: F-EXT-INT:7,5P; S:S1



Weatherproof



Elastic



Mould resistant

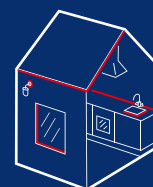


Interior & Exterior use

Colour



280 ml cartridge



## Building Silicone 366



Multipurpose zero meko neutral silicone for general construction works



- Meko free
- Weather, ageing and mould resistant
- Permanently elastic
- Low elastic modulus
- Excellent for glazing works

Filling, sealing, glazing interior and exterior joints.

Filling and weatherproofing joints between window- and door frames.

All finishing, sanitation and ventilation sealing works.



CE F-EXT-INT-CC; G-CC



Weatherproof



Elastic



Low odour

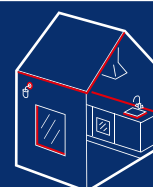


Interior & Exterior use

Colour



280 ml cartridge



# Building Silicone 376



Neutral silicone for weatherproofing and general construction works



Weatherproof



Elastic



Mould resistant

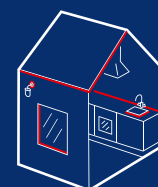


Interior & Exterior use

Colour



280 ml cartridge



CE F-EXT-INT-CC; G-CC

# Building Silicone No Meko 352



Meko free neutral silicone for glazing, facade and sanitary applications



Weatherproof



Elastic



Low odour

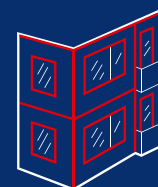


Interior & Exterior use

Colour



300 ml cartridge



- High movement capability ( $\pm 25\%$ )
- Highest sanitary class: XS1
- Weather, ageing and mould resistant
- Low elastic modulus
- Suitable for vertical joints

Sealing and weatherproofing highly moveable joints such as window, door and facade joints.

Sealing joints in wet and humid areas such as bathrooms and kitchens.

Filling, sealing, glazing all types of interior and exterior joints.



\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentiel, un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (plus faibles émissions) à C (fortes émissions).

CLASSE: MASTIC ÉLASTOMÈRE FG25E

CE F-EXT-INT-CC:25LM; G-CC:25LM; S:XS1

# Building Silicone 322 & 322c



Neutral silicone for interior and exterior building works



- Weather, ageing and mould resistant
- High movement capability ( $\pm 25\%$ )
- Food grade
- Low elastic modulus
- Highest sanitary class: XS1
- Permanently elastic
- Excellent adhesion on a wide range of materials

Filling, sealing, glazing interior and exterior joints.

Sealing joints with high movement capability, e.g. facade joints.

Filling and weatherproofing joints between window- and door frames.

All finishing, sanitation and ventilation sealing works.

CE F-EXT-INT-CC:25LM; G-CC:25LM; S: XS1



Weatherproof



Elastic



Food safe

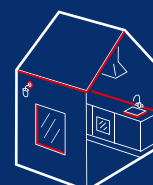


Interior &  
Exterior use

Colour



300 ml cartridge  
400 ml / 600 ml  
foil package



Multipurpose neutral silicone sealant with high movement capability and excellent adhesive properties.

Forms a mould-proof and ageing-resistant flexible silicone rubber seal.

#### Limitations:

Not suitable for sealing aquariums or underwater joints.

Cannot be used as structural glazing adhesive.

Cannot be painted.

#### Technical data

Properties	Value
Basis	Oxime
Density (DIN 53 479-B)	1.01 g/ml
Tack-free time	2...4 min
Skin forming time	5...10 min
Curing rate	Approx. 3 mm/24h
Loss of volume (ISO10563)	<10%
Resistance to flow (ISO 7390)	0 mm
Intensity of microbiological growth (ISO 846)	1
Application temperature	+5...+40°C
Service temperature	-40...+150°C
Movement capability (ISO 11600)	$\pm 25\%$
Shelf life	18 months
Shore A hardness (ISO 868)	Approx. 18

#### Properties of cured sealant

E-Modulus 100% (ISO 8339)	0.25 N/mm <sup>2</sup>
Tensile strength (ISO 8339)	0.35 N/mm <sup>2</sup>
Elongation at break (ISO 8339)	>250 %

The values specified were obtained at +23°C and 50% relative humidity, unless otherwise specified. These values may vary depending on environmental factors such as temperature, moisture and type of substrates.



# Universal Seal&Fix Hybrid 711 & 711c



**Multipurpose hybrid adhesive sealant for exterior and interior sealing and bonding works**



- Weatherproof
- Isocyanate and solvent free
- Permanently elastic
- Excellent adhesion on many materials
- Adheres to damp surfaces

Sealing and bonding joints all around the construction.

Sealing cracks and joints in floors.

Bonding vibrating constructions.

Bonding and sealing in areas where an elastic connection is required, such as various industrial applications.

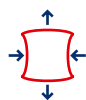


\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).



711: F-INT

711c: F-INT-EXT-CC.20HM



Elastic



Can be painted



Low odour

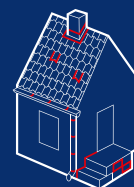


Interior & Exterior use

Colour



280 ml cartridge



Multipurpose one-component hybrid polymer-based elastic adhesive sealant for various sealing and bonding activities.

Adheres well to most materials and even to damp surfaces.

Can be used as a bonding agent in vibrating constructions.

Application temperature between +5°C and +40°C.

#### Limitations:

Not recommended for sealing natural stone surfaces, e.g. marble and granite.

The values specified were obtained at +23°C and 50% relative humidity, unless otherwise specified. These values may vary depending on environmental factors such as temperature, moisture and type of substrates.

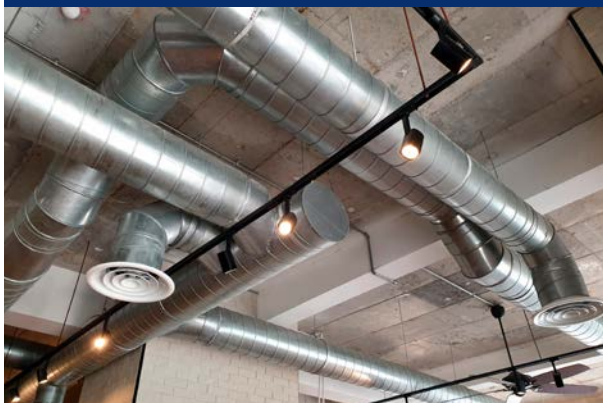
#### Technical data

Properties	Value
Basis	Hybrid
Density (DIN 53 479-B)	1.52 g/ml
Skin forming time	30 min
Curing rate	2...3 mm/24 h
Loss of volume (ISO 10563)	<10%
Resistance to flow (ISO 7390)	0 mm
Service temperature	-40...+90°C
Movement capability (ISO 11600)	±20%
Elastic recovery (ISO 7389)	>70%
Shelf life	12 months
Shore A hardness (ISO 868)	45...50

#### Properties of cured sealant

E-Modulus 100% (ISO 8339)	1 N/mm <sup>2</sup>
Tensile strength (ISO 8339)	1.2 N/mm <sup>2</sup>
Elongation at break (ISO 8339)	>200%
E-Modulus 100% (ISO 37)	1.4 N/mm <sup>2</sup>
Tensile strength (ISO 37)	2 N/mm <sup>2</sup>
Elongation at break (ISO 37)	200%

# Ventilation Hybrid 710



Hybrid polymer sealant for ventilation works



- Permanently elastic
- Highest resistance to mould growth
- Weatherproof
- Isocyanate and solvent free
- Adheres to damp surfaces

Sealing and bonding ventilation systems. Sealing joints in production areas where elasticity and high hygiene requirements apply.



CE F-EXT-INT-CC:20HM



Low odour



Can be painted



Mould resistant

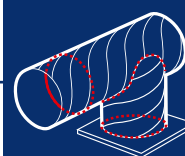


Interior & Exterior use

Colour



280 ml cartridge  
400 ml foil package



# Ventilation Acrylic 676



Elastoplastic acrylic sealant for various ventilation works



- Mould resistant
- Good movement capability ( $\pm 12.5\%$ )
- Safe to use - free from isocyanates and solvents
- Remains plastic
- Non-sagging

Sealing heating, ventilation and air conditioning (HVAC) ducts.

Suitable for joints with low or moderate deformations, both indoors and outdoors.



CE F-INT-EXT:12,5P



Low odour



Can be painted



Mould resistant

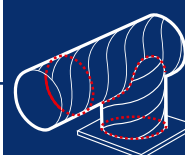


Interior & Exterior use

Colour



300 ml cartridge  
400 ml / 600 ml  
foil package



# Spray Silicone 353



Silicone-based non-stick multipurpose lubricant spray



Sprayable



Waterproof



Reduces friction

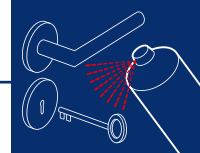


Interior & Exterior use

Colour



400 ml aerosol can



- Non-stick coating
- Polishes plastics and rubbers
- Reduces friction
- Water repellent
- Protects metal parts

Demoulding all types of plastics and rubber.

Polishing plastics and waterproofing awnings, canvas, footwear, etc.

Lubricating locks, ramps, guides, conveyor belts, blades, saws, etc.

Protecting metal parts against humidity and dust, as well as against corrosion in anodized aluminium parts.

Protecting welding works.

# FoamGun G1



Lightweight professional PU foam gun with a stainless-steel needle and a long and thin barrel mouth



- Strong and durable
- Thin and long barrel mouth
- Lightweight: 342 g
- Stainless-steel needle
- Can be fitted with extensions

Applying adapter fitted PU foam products in an aerosol can.

Suitable for filling, sealing, insulating and installation works.

Time-saving and economical product application.

Allows precise product dosage.



Long-lasting



Precise dosage

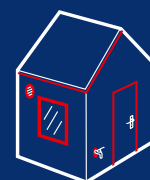


Fast



Interior & Exterior use

Cardboard box





## FoamGun P1



Professional PU foam gun with a long barrel



- Long barrel (230 mm) for deep joints
- Rigid and durable
- Single-part extrusion rod
- Light rubber-coated handle
- 4 barrel extensions: 200 mm extension (2 pcs), 50 mm extension (2 pcs)
- Weight 412 g

Applying adapter fitted PU foam products in an aerosol can.

Suitable for filling, sealing, insulating and installation works.

Time-saving and economical product application.

Allows precise product dosage.



Long-lasting



Precise dosage

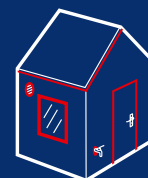


Fast



Interior & Exterior use

Blister package



## FoamGun S1



Professional foam gun for PU foam application



- Light rubber-coated handle
- Stainless steel needle
- Easy to clean; Teflon-coated exterior
- 4 barrel extensions: 200 mm extension (2 pcs), 50 mm extension (2 pcs)
- Weight 389 g

Applying adapter fitted PU foam products in an aerosol can.

Suitable for filling, sealing, insulating and installation works.

Time-saving and economical product application.

Allows precise product dosage.



Long-lasting



Precise dosage

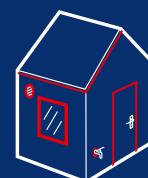


Fast



Interior & Exterior use

Blister package



## FoamGun C1



Economical and easy-to-use foam gun for PU foam application



- Comfortable plastic handle
- Stainless-steel needle
- Fast, easy and safe to use
- 4 barrel extensions: 200 mm (2 pcs), 50 mm (2 pcs)
- Weight 373 g

Applying adapter fitted PU foam products in an aerosol can.

Suitable for filling, sealing, insulating and installation works.

Time-saving and economical product application.

Allows precise product dosage.



Long-lasting



Precise dosage



Fast



Interior & Exterior use

Cardboard box



## FoamGun Long T1



Professional PU foam gun with an extra-long barrel for filling excessively low or high areas



- Extra-long extrusion barrel: 775 mm
- Universal conical valve
- Teflon-coated exterior
- Resistant to solvents
- Weight 1230 g

Applying adapter fitted PU foam products in an aerosol can.

Suitable for filling, sealing, insulating and installation works.

Time-saving and economical product application.

Allows precise product dosage.



Long-lasting



Precise dosage



Fast



Interior & Exterior use

Cardboard box



## Cartridge Gun PH1



Professional manual cartridge gun for cartridges up to 310 ml



- Tempered rod and pushing plate
- Quick-release mechanism: easy to extrude
- Switchable anti-drip function
- Pushing power up to 15 bars
- Weight 760 g

Applying all types of products in a cartridge (silicones, adhesives and mastics) on a multitude of surfaces.

Suitable for large-scale works. Time-saving and economical product application.

Allows precise product dosage.



Long-lasting



Precise dosage

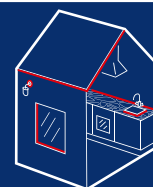


Fast



Interior &  
Exterior use

Cardboard box



## Cartridge Gun SH1



Manual cartridge gun for cartridges up to 310 ml



- Lightweight: 680 g
- Rotating frame
- Low-density sintered drive plate 9 mm
- Convenient hook to hang the gun easily
- Fast, easy and safe

Applying all types of products in a cartridge (silicones, adhesives and mastics) on a multitude of surfaces.

Time-saving and economical product application.

Allows precise product dosage.



Long-lasting



Precise dosage

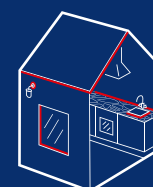


Fast



Interior &  
Exterior use

Blister package





## Foil Pack Gun MH6



Manual gun for sealant and adhesive foil packs up to 600 ml



- Tempered clutch and pushing rod
- Pushing power up to 15 bars
- Thrust ratio: 18:1
- Aluminium body
- Weight 1119 g

Applying 300 to 600 ml foil pack products (silicones, adhesives and mastics) on a multitude of surfaces.

Time-saving and economical product application.

Allows precise product dosage.



Long-lasting



Precise dosage



Fast



Interior &  
Exterior use

Cardboard box



## Foil Pack Gun Pneumatic PH6



Professional pneumatic foil pack gun for sealant, adhesive and mastic foil packs up to 600 ml



- Suitable for foil packs up to 600 ml
- Integrated pressure reducer
- Pushing power up to 8 bars
- Connection: 1/4 male gas
- Weight 1100 g

Applying 300 to 600 ml foil pack products (silicones, adhesives and mastics) on a multitude of surfaces.

Time-saving and economical product application.

Allows precise product dosage.



Long-lasting



Precise dosage



Fast



Interior &  
Exterior use

Cardboard box



## Foil Pack Gun MH4



Professional manual foil pack gun for up to 400 ml foil packs application



- Tempered clutch and pushing rod
- Thrust ratio: 18:1
- Aluminium body
- Rotating barrel
- Weight 1083 g

Applying up to 400 ml foil pack products (silicones, adhesives and mastics) on a multitude of surfaces.

Time-saving and economical product application.

Allows precise product dosage.



Long-lasting



Precise dosage



Fast

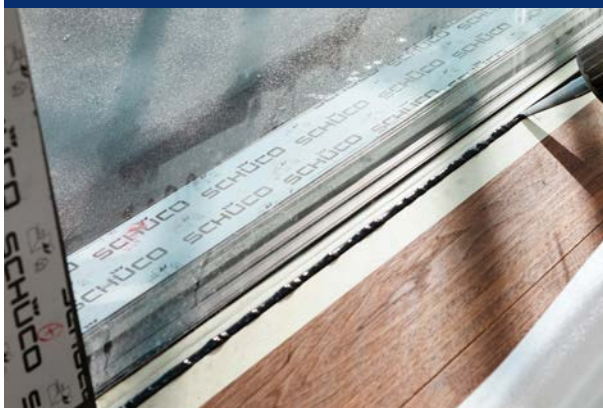


Interior &  
Exterior use

Cardboard box



## Foil Pack Gun Pneumatic PH4



Professional pneumatic foil pack gun for up to 400 ml foil packs application



- Integrated pressure reducer
- Anti-drip function
- Pushing power up to 8 bars
- Connection: 1/4 male gas
- Weight 1285 g

Applying up to 400 ml foil pack products (silicones, adhesives and mastics) on a multitude of surfaces.

Time-saving and economical product application.

Allows precise product dosage.



Long-lasting



Precise dosage



Fast



Interior &  
Exterior use

Cardboard box





Suitable for:	EasyGun Foam 108	All Purpose Gunfoam 172	Gap Filling Strawfoam 278	Low Monomer Gunfoam 122	Gunfoam Extreme -15°C 190	All Purpose Gunfoam Winter 165	Universal Gunfoam 146	Universal Strawfoam 265	Low Expansion Gunfoam 150	2K Foam B2 202	MouseStop Foam 299	Expanding Tape 600Pa	Expanding Tape 300Pa
Plaster	●	●	●	●	●	●	●	●	●	●	●	●	●
Plasterboard	●	●	●	●	●	●	●	●	●	●	●		
Roof tiles	●	●	●	●	●	●	●	●	●	●	●		
Concrete	●	●	●	●	●	●	●	●	●	●	●	●	●
Bricks	●	●	●	●	●	●	●	●	●	●	●	●	●
Stone	●	●	●	●	●	●	●	●	●	●	●		
Wood	●	●	●	●	●	●	●	●	●	●	●	●	●
Masonry	●	●	●	●	●	●	●	●	●	●	●	●	●
Metals	●	●	●	●	●	●	●	●	●	●	●	●	●
PVC	●	●	●	●	●	●	●	●	●	●	●	●	●
EPS	●	●	●	●	●	●	●	●	●	●	●		
Polystyrene	●	●	●	●	●	●	●	●	●	●	●		

Suitable for:	Primer All Surfaces 409	BetPrimer 603	PrefaSeal 635	All Purpose Silicone 304	Universal Silicone 315 & 315c	Natural Stone Silicone 370	Building Silicone 376	Building Silicone No Meko 352	General Silicone 339 & 339c	Building Silicone 366	Building Silicone 322 & 322c	Universal Seal&Fix Hybrid 711 & 711c	Ventilation Hybrid 710	Ventilation Acrylic 676
Plaster		●	●											
Ceramic tiles	●			●	●	●	●	●	●	●	●	●	●	
Concrete	●	●	●			●	●	●	●	●	●	●	●	●
Mortar		●	●			●	●	●	●	●	●	●	●	
Bricks	●	●	●			●	●	●	●	●	●	●	●	●
Natural stone		●				●								
Wood	●	●				●	●	●	●	●	●	●	●	●
Masonry	●		●			●	●	●	●	●	●	●	●	
Glass				●	●	●	●	●	●	●	●	●	●	
Vitrified surfaces				●	●									
Galvanised steel	●			●								●	●	●
Aluminium (lacquered, anodized, painted)	●			●	●	●	●	●	●	●	●	●	●	●
Most plastics	●			●	●	●	●	●	●	●	●	●	●	●
Fibreglass				●	●									

For the latest information, please visit Penosil website: [Penosil.com](https://www.penosil.com)





# Window & Door Category



## Energy-efficient window and door installation

Penosil's **Window & Door category** has a range of carefully selected products suitable for energy-efficient window and door installation. Each product in this category has a specific role. If used together in the correct sequence, these products aid achieving the nearly Zero Energy Building requirements.

For window and door installation it is important to use products that have excellent thermal- and sound-insulation properties. Our **Window & Door category** products guarantee airtight joints and long-lasting results.

PU foams		Acetoxysilicone sealants	
<b>Elastic Gunfoam 198</b>	31	<b>Aquarium &amp; Glazing Silicone 310</b>	37
<ul style="list-style-type: none"> <li>For window and door installation</li> <li>Permanent elasticity</li> </ul>		<ul style="list-style-type: none"> <li>Sealing glass structures</li> <li>Safe for aquatic life</li> </ul>	
<b>Elastic Foam 272</b>	32	<b>Alkoxy silicone sealants</b>	
<ul style="list-style-type: none"> <li>For movable and pressure-sensitive joints</li> <li>All-season use (-5°C to +30°C)</li> </ul>		<b>Glazing Silicone 330</b>	38
<b>Installation Gunfoam 65 191</b>	32	<ul style="list-style-type: none"> <li>Exterior and interior glazing works</li> <li>Permanent elasticity</li> </ul>	
<b>Installation Gunfoam 65 156</b>	33	<b>Oxime silicone sealants</b>	
<ul style="list-style-type: none"> <li>Works well in hot temperatures (up to +40°C)</li> <li>High yield</li> </ul>		<b>Window &amp; Door Silicone 302</b>	39
<b>Window tapes</b>		<ul style="list-style-type: none"> <li>High movement capability (±25%)</li> <li>Meko free</li> </ul>	
<b>Window Tape Full Glue +1 External 404</b>	33	<b>Window &amp; Door Silicone 312</b>	39
<ul style="list-style-type: none"> <li>Double-sided external window tape</li> <li>Sd value 1.2 m</li> </ul>		<ul style="list-style-type: none"> <li>High movement capability (±25%)</li> <li>Does not shrink</li> </ul>	
<b>Wind Proof Full Glue Tape External 414</b>	34	<b>Neutral Silicone 307</b>	40
<ul style="list-style-type: none"> <li>Double-sided external window tape</li> <li>UV resistant up to 6 months</li> </ul>		<ul style="list-style-type: none"> <li>Moderate movement capability</li> <li>Meko free</li> </ul>	
<b>Window Tape External 424</b>	34	<b>Neutral Silicone 317</b>	40
<ul style="list-style-type: none"> <li>External wind barrier tape</li> <li>Adhesive strips on both sides</li> </ul>		<ul style="list-style-type: none"> <li>For glazing works</li> <li>Low elastic modulus</li> </ul>	
<b>Window Tape Full Glue +1 Internal 400</b>	35	<b>Neutral Silicone 325 &amp; 325c</b>	41
<ul style="list-style-type: none"> <li>Double-sided internal window tape</li> <li>Sd value 38 m</li> </ul>		<ul style="list-style-type: none"> <li>For filling and weatherproofing joints</li> <li>Low elastic modulus</li> </ul>	
<b>Vapour Proof Full Glue Tape Internal 410</b>	35	<b>Greenhouse Silicone 393 &amp; 393c</b>	41
<ul style="list-style-type: none"> <li>Double-sided internal window tape</li> <li>Sd value 32.4 m</li> </ul>		<ul style="list-style-type: none"> <li>Weatherproofing glass structures</li> <li>Long processing time</li> </ul>	
<b>Window Tape Internal 420</b>	36	<b>Insulating Glass Silicone 341</b>	42
<ul style="list-style-type: none"> <li>Internal moisture barrier tape</li> <li>Adhesive strips on both sides</li> </ul>		<ul style="list-style-type: none"> <li>Fast curing</li> <li>Compatible with SG sealants</li> </ul>	
<b>Liquid membranes</b>		<b>Acrylic sealants</b>	
<b>Air&amp;Vapour Membrane 660</b>	36	<b>Exterior Acrylic 673</b>	42
<ul style="list-style-type: none"> <li>Sealing internal window and door joints</li> <li>Fibre-reinforced</li> </ul>		<ul style="list-style-type: none"> <li>Can be painted</li> <li>Moderate movement capability</li> </ul>	
<b>Airtight Membrane 704</b>	37		
<ul style="list-style-type: none"> <li>Sealing external window and door joints</li> <li>Crack-bridging ability</li> </ul>			

# Elastic Gunfoam 198



## Elastic gun foam for window and door installation



- Airtight structure
- Permanent elasticity
- Low post expansion, no warp
- All season (-5°C to +30°C)
- Excellent thermal and sound insulation properties
- Near-zero curing pressure
- Very good adhesion on many materials

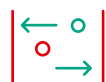
Installing and sealing windows and doors.

Sealing other pressure-sensitive, narrow and moveable joints.

Insulating ventilation devices and pipe penetrations.

Enhancing thermal and sound insulation.

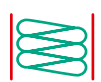
Reducing the impact of thermal bridges.



Low curing pressure



63 dB  
Sound insulation



$\lambda = 0.033 \text{ W/(m·K)}$   
Thermal insulation



Interior & Exterior use

Colour



800 ml aerosol can



Elastic installation gun foam for filling and sealing window and door frames and other movable and pressure-sensitive joints.

### Application:

Air temperature during use: -5°C to +30°C.  
Fill the joints up to approx. 70%.

### Average full curing time in joint

Temperature °C	Time (hours)
+20	8
+5	12
-5	24

### Limitations:

Not suitable for surfaces in constant contact with water.

Cured foam needs to be covered with a suitable material to protect against UV rays.

The values specified were obtained at +23°C and 50% relative humidity, unless otherwise specified. These values may vary depending on environmental factors such as temperature, moisture and type of substrates.

### Technical data

Properties	Value
Tack-free time (EN 17333-3)	6...10 min
Cutting time (30 mm bead, EN 17333-3)	<30 min
Fully cured in joint, 3x5 cm (+23°C)	<8 h
Curing pressure (EN 17333-2, moistened surfaces)	<0.7 kPa
Post expansion (EN 17333-2)	<60%
Density in joint, 3x10 cm (WGM106)	17...22 kg/m <sup>3</sup>
Dimensional stability (EN 17333-2, moistened surfaces)	<1%
Temperature resistance of cured product	-50...+90°C
Fire class of cured foam (DIN 4102-1)	B2 kPa
Tensile strength / elongation (EN 17333-4, moistened surfaces)	>55 / 20 kPa/%
Compression strength (EN 17333-4, moistened surfaces)	>3 kPa
Shear strength (EN 17333-4, moistened surfaces)	>30 kPa
Thermal conductivity (EN 12667, EN 17333-5)	0.033 W/(m·K)
Sound reduction index R <sub>st,w</sub> (EN ISO 10140)	63 dB
Water vapour permeability (EN 12086)	<0.086 mg/(m·h·Pa)
Air permeability (DIN 18542, EN 12114)	a<0.1 m <sup>3</sup> /[h·m (daPa)2/3]
Movement capability (WGM113)	±12.5%



## Elastic Foam 272



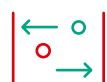
Elastic straw foam for window and door installation



- Airtight structure
- Permanent elasticity
- Low post expansion, no warp
- All season (-5°C to +30°C)
- Very good adhesion on many materials

Installing and sealing windows and doors.

Sealing other pressure-sensitive, narrow and moveable joints.



Low curing pressure



63 dB  
Sound insulation



$\lambda = 0.033 \text{ W/(m·K)}$   
Thermal insulation

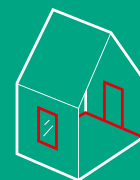


Interior & Exterior use

Colour



750 ml aerosol can



## Installation Gunfoam 65

191 ❄️ Winter -10°C



High yield gun foam for installation works during winter season



- Works well in cold temperatures (-10°C to +30°C)
- Low curing pressure
- High mechanical strength
- Prevents thermal bridges
- Moderate post expansion

Installing and sealing windows and doors in wintertime.

Sealing and filling holes, gaps and connecting joints.



High yield



Winter use



$\lambda = 0.030 \text{ W/(m·K)}$   
Thermal insulation

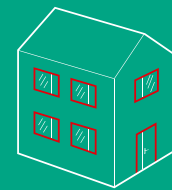


Interior & Exterior use

Colour



870 ml aerosol can



# Installation Gunfoam 65 156



High yield gun foam for installation works during summer months



- Works well in hot temperatures (up to +40°C)
- Moderate post expansion
- Excellent insulation properties
- Airtight structure
- Very good adhesion on many materials

Installing and sealing windows and doors in summertime.

Sealing and filling holes, gaps and connecting joints.



\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (plus faible émission) à C (plus élevée).



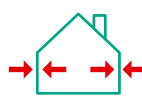
High yield



Low curing pressure



$\lambda = 0.033 \text{ W/(m·K)}$   
Thermal insulation

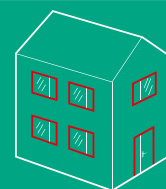


Interior & Exterior use

Colour



870 ml aerosol can



# Window Tape Full Glue +1 External 404



Double-sided window tape for external use



- All season (up to -10°C)
- Sd value 1.2 m
- Intelligent adhesive layers
- Can be plastered and painted
- Protects against wind and moisture

Sealing and covering external window and door joints.

Protecting building's structure and ensuring a moisture proof connection.

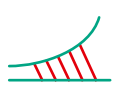
Can be applied before or after window and door installation.



Elastic



Vapour permeable



High adhesion

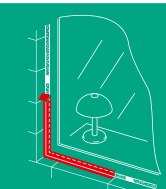


Exterior use

Colour



70 mm wide, 25 m roll, 4 rolls per box;  
100 mm wide, 25 m roll, 3 rolls per box;  
150 mm wide, 25 m roll, 2 rolls per box



## Wind Proof Full Glue Tape External 414



Double-sided wind barrier tape for external window and door joints



- Sd value 1.2 m
- Double sided
- Works well in cold temperatures (up to  $-5^{\circ}\text{C}$ )
- Can be plastered and painted
- UV resistant up to 6 months

Sealing and covering external window and door joints.

Protecting building's structure and ensuring an airtight connection.

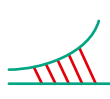
Can be applied before or after window and door installation.



Elastic



Vapour permeable



High adhesion

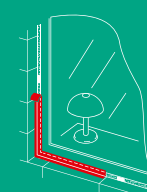


Exterior use

Colour



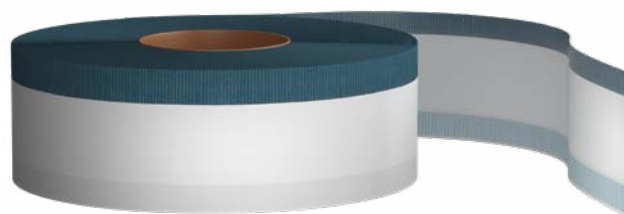
**70 mm wide**, 25 m roll, 5 rolls per box;  
**100 mm wide**, 25 m roll, 3 rolls per box;  
**150 mm wide**, 25 m roll, 2 rolls per box



## Window Tape External 424



Wind and moisture barrier tape for external use

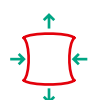


- Very good adhesion on many materials
- Can be plastered and painted
- Wind and moisture proof
- Adhesive strips on both sides
- Elastic structure

Sealing and covering external window and door joints.

Protecting building's structure around window and door openings.

Ensuring an airtight connection.



Elastic



Vapour permeable



Airtight

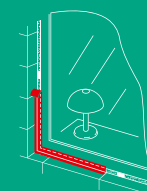


Exterior use

Colour



**70 mm wide**, 25 m roll, 1 roll per box;  
**100 mm wide**, 25 m roll, 1 roll per box;  
**150 mm wide**, 25 m roll, 1 roll per box





## Window Tape Full Glue +1 Internal 400

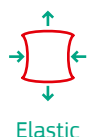


Double-sided window tape for moisture and air proofing internal window and door joints



- All season use (up to  $-10^{\circ}\text{C}$ )
- Sd value 38 m
- Can be plastered and painted
- Protects against moisture
- Very good adhesion on many materials

Sealing and covering internal window and door joints.  
Protecting building's structure around window and door openings and ensuring a moisture-proof connection.  
Can be applied before or after window and door installation.



Colour



**70 mm wide**, 25 m roll, 4 rolls per box;  
**100 mm wide**, 25 m roll, 3 rolls per box;  
**150 mm wide**, 25 m roll, 2 rolls per box

## Vapour Proof Full Glue Tape Internal 410

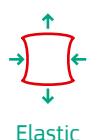


Double-sided moisture barrier tape for internal use

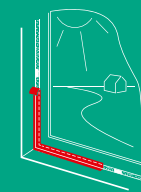


- Sd value 32.4 m
- Double sided
- Works well in cold temperatures (up to  $-5^{\circ}\text{C}$ )
- Can be plastered and painted
- UV resistant up to 6 months

Sealing and covering internal window and door joints.  
Protecting building's structure around window and door openings and ensuring a moisture-proof connection.  
Can be applied before or after window and door installation.

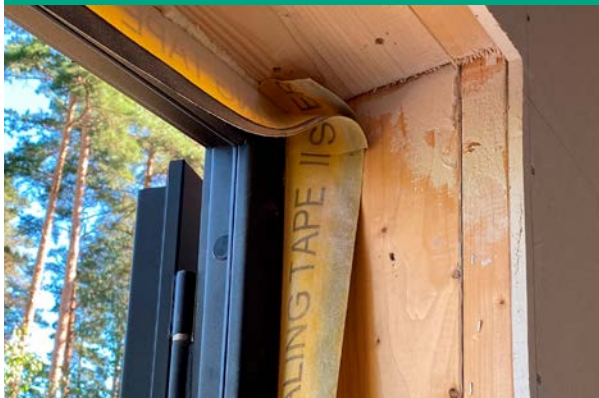


Colour

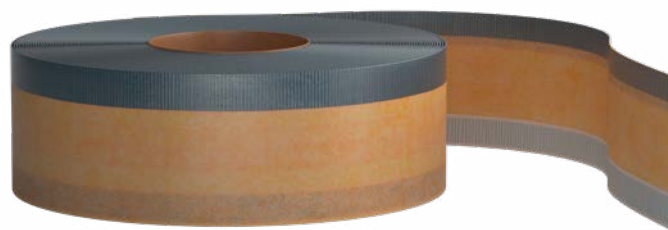


**70 mm wide**, 25 m roll, 5 rolls per box;  
**100 mm wide**, 25 m roll, 3 rolls per box;  
**150 mm wide**, 25 m roll, 2 rolls per box

## Window Tape Internal 420



Moisture barrier tape for internal window and door joints



- Can be plastered and painted
- Prevents moisture penetrating building's structure
- Very good adhesion on many materials
- Adhesive strips on both sides
- Elastic structure

Sealing and covering internal window and door joints.

Protecting building's structure around window and door openings.

Ensuring an airtight connection.



Elastic



Vapour impermeable



Airtight

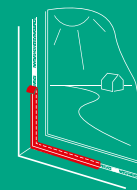


Interior use

Colour



**70 mm wide**, 25 m roll, 1 roll per box;  
**100 mm wide**, 25 m roll, 1 roll per box;  
**150 mm wide**, 25 m roll, 1 roll per box



## Air&Vapour Membrane 660



Fibre-reinforced vapour-proof mastic for sealing internal window and door joints



- Air and vapour proof
- Fibre-reinforced
- For rough and uneven surfaces
- Mould and UV resistant
- Sd value 42 m

Sealing, air- and vapour proofing internal connecting and perimeter joints e.g. window and door joints, joints between floors and walls, walls and ceilings.

Sealing pipe and cable penetrations.



Elastic



Cleanable with water



Airtight



Interior use

Colour



**1 kg / 5 kg bucket**



## Airtight Membrane 704



Elastic seamless liquid membrane for sealing external window and door joints



Elastic



Weatherproof



Low VOC

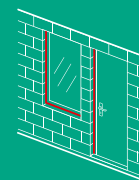


Exterior use

Colour



600 ml foil package



- Crack-bridging ability
- Vapour permeable
- Nearly no shrinkage
- Non-corrosive
- Sd value 1.74 m (2 mm layer)

Air- and weatherproofing connecting joints such as window and door perimeter joints, penetrations through building's envelope, etc.

Protecting against humidity and various weather conditions.

Can be used on horizontal and vertical surfaces.

## Aquarium & Glazing Silicone 310



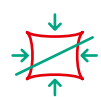
Waterproof acetoxysilicone for sealing glass structures



UV proof



Elastic



Does not shrink

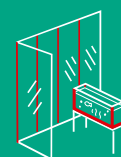


Interior use

Colour



300 ml cartridge



- Safe for aquatic life
- Works well with fresh and salt water
- Fast curing
- Permanently elastic
- Non-sagging

Constructing glass aquariums, terrariums and other glass structures.

Sealing interior partition walls and bonding glass blocks.

Sealing joints exposed to mechanical stress.

CE F-EXT-INT-CC:20LM; G-CC:20LM; S:X52



# Glazing Silicone 330



Neutral glazing silicone for interior and exterior filling and sealing works



- High movement capability ( $\pm 25\%$ )
- Permanent elasticity
- Exterior and interior glazing works
- Non-shrinking
- UV, weather and ageing resistant
- Non-corrosive
- Great workability
- Excellent adhesion on many porous and non-porous materials
- Practically odourless

Sealing and weatherproofing window and door joints.

Filling connecting joints between various materials such as glass, wood, metal and plastic.

Filling and weatherproofing joints between glass facade panels and glass partition walls.



CE F-EXT-INT-CC: 25LM; G-CC



Weatherproof



Low odour



Elastic

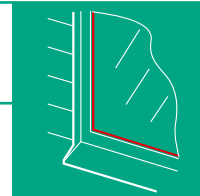


Interior &  
Exterior use

Colour



300 ml cartridge  
400 ml / 600 ml  
foil package



High-quality neutral alkoxy silicone sealant with excellent adhesive properties and low modulus.

Forms a flexible rubber seal with many porous and non-porous materials.

#### Limitations:

Not recommended for natural stone surfaces, e.g. marble and granite.

Cannot be used as structural glazing adhesive.

#### Technical data

Properties	Value
Basis	Alkoxy
Density (DIN 53 479-B)	1.02 g/ml
Skin forming time	15...20 min
Curing rate	2.5 3.5 mm/24h
Resistance to flow (ISO 7390)	0 mm
Application temperature	+5...+40°C
Service temperature	-40...+150°C
Movement capability (ISO 11600)	$\pm 25\%$
Shelf life	12 months
Shore A hardness (ISO 868)	22

#### Properties of cured sealant

E-Modulus 100% (ISO 8339)	0.37 N/mm <sup>2</sup>
Tensile strength (ISO 8339)	0.5 N/mm <sup>2</sup>
Elongation at break (ISO 8339)	>225%
E-Modulus 100% (ISO 37)	0.35 N/mm <sup>2</sup>
Tensile strength (ISO 37)	1.35 N/mm <sup>2</sup>
Elongation at break (ISO 37)	>500%

The values specified were obtained at +23°C and 50% relative humidity, unless otherwise specified. These values may vary depending on environmental factors such as temperature, moisture and type of substrates.

## Window & Door Silicone 302



Multipurpose zero meko neutral silicone for glazing, filling and sealing works



Weatherproof



25% movement capability



Low odour



- Meko free
- High movement capability ( $\pm 25\%$ )
- Weather and ageing resistant
- Low elastic modulus
- Perfect for glazing works

Sealing and weatherproofing moveable joints such as window, door, and facade joints.

Filling, sealing, glazing interior and exterior joints.

CE F-EXT-INT-CC:25LM; G-CC:25LM; S

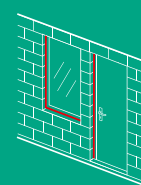


Interior & Exterior use

Colour



300 ml cartridge  
600 ml foil package



## Window & Door Silicone 312



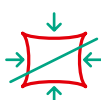
High performance neutral silicone with high movement capability



Weatherproof



25% movement capability

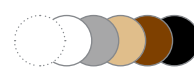


Does not shrink

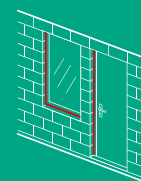


Interior & Exterior use

Colour



300 ml cartridge  
600 ml foil package



- High movement capability ( $\pm 25\%$ ) and permanent elasticity
- Low elastic modulus
- Perfect for glazing works
- UV and ageing resistant
- Excellent adhesion on a wide range of materials

All finishing, sanitation and ventilation sealing works.

Sealing joints with high movement capability, e.g. facade and window perimeter joints.

Filling, sealing, glazing interior and exterior joints.

Filling and weatherproofing joints between window and door frames.

CE F-EXT-INT-CC:25LM; G-CC:25LM; S

# Neutral Silicone 307



Zero meko neutral silicone for general building works



- Meko free
- Moderate movement capability
- Non-corrosive
- Weather and ageing resistant
- Perfect for glazing works

Sealing and weatherproofing joints with moderate movement capability.

Sealing window, door, and facade joints. Filling, sealing, and glazing interior and exterior joints.

CE F-EXT-INT-CC: G-CC



Weatherproof



Elastic



Low odour

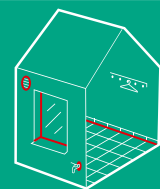


Interior & Exterior use

Colour



300 ml cartridge



# Neutral Silicone 317



Neutral silicone for window and door installation



- Low elastic modulus
- Perfect for glazing works
- Moderate movement capability
- UV and ageing resistant
- Non-corrosive

Sealing and weatherproofing joints with moderate movement capability.

Sealing window, door, and facade joints. Filling, sealing, and glazing interior and exterior joints.

All finishing and sealing works.

CE F-EXT-INT-CC: G-CC:25LM; S



Weatherproof



Elastic



UV proof

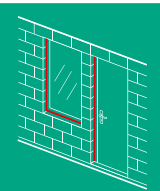


Interior & Exterior use

Colour



300 ml cartridge





## Neutral Silicone 325 & 325c



Multipurpose neutral silicone for interior and exterior building works



Weatherproof



Elastic



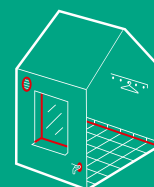
UV proof



Interior &  
Exterior use

Colour 

300 ml cartridge 



- UV and ageing resistant
- Low elastic modulus
- Excellent for glazing works
- Weatherproof
- Excellent adhesion on many materials

Filling, sealing, glazing interior and exterior joints.

Filling and weatherproofing joints between window and door frames.

All finishing, sanitation and ventilation sealing works.

Sealing joints with high movement capability, e.g. facade joints.

Neutral Silicone  
325



Neutral Silicone  
325c



CE F-EXT-INT:12,5E; G-CC

## Greenhouse Silicone 393 & 393c



Multipurpose neutral greenhouse silicone for glazing, sealing and adhering works



Weatherproof



Elastic



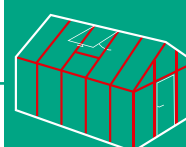
Withstands high  
temperatures



Interior &  
Exterior use

Colour 

300 ml cartridge 



- Non-corrosive
- Mould, UV and ageing resistant
- Non-sagging
- Long processing time
- Good movement capability

All greenhouse and winter garden glazing works.

Sealing, adhering, weatherproofing joints in glass structures.

Insulation and sealing of window and door frames.

CE 393: F-EXT-INT:12,5E; G-CC; S-S1  
393c: F-EXT-INT:12,5E; G-CC; S-XS1



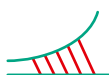
# Insulating Glass Silicone 341



Neutral silicone for IG applications



Long-lasting



High  
adhesion



Airtight



- Fast curing
- Exceptional sealing properties
- Air and moisture resistant
- Excellent sound insulation properties
- Compatible with SG sealants

Sealing and bonding the components of insulating glass units (IGUs).

Improves thermal and sound insulation, condensation control, structural integrity and creates a moisture barrier.

SPECIFICATIONS  
EN 1279



\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présent un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).



Interior &  
Exterior use

Colour



310 ml cartridge  
600 ml foil package  
20 l bucket  
185 l drum



# Exterior Acrylic 673



Paintable acrylic sealant



Low odour



Can be  
painted



Cleanable with  
water



- Bright white
- Non-sagging
- Remains plastic
- UV resistant
- Can be painted
- Low VOC

Filling cracks and joints with moderate movement capability.

Sealing porous surfaces such as concrete.

Finishing works before painting.



CLASSE:  
MASTIC PLASTIQUE  
F12-SP



\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présent un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

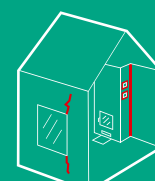


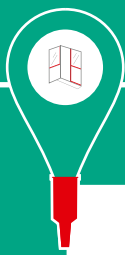
Interior &  
Exterior use

Colour



300 ml cartridge  
400 ml foil package





Suitable for:	Elastic Gunfoam 198	Elastic Foam 272	Installation Gunfoam 65 191	Installation Gunfoam 65 156	Window Tape Full Glue +1 External 404; Wind Proof Full Glue Tape External 414; Window Tape External 424	Window Tape Full Glue +1 Internal 400; Vapour Proof Full Glue Tape Internal 410; Window Tape Internal 420	Air & Vapour Membrane 660	Airtight Membrane 704	Aquarium & Glazing Silicone 310	Glazing Silicone 330	Window & Door Silicone 302	Window & Door Silicone 312	Neutral Silicone 317	Insulating Glass Silicone 341	Exterior Acrylic 673	Neutral Silicone 307	Neutral Silicone 325 & 325c	Greenhouse Silicone 393
Plasterboard	●	●	●	●	●	●	●	●							●			
Concrete	●	●	●	●	●	●	●	●		●	●	●	●		●	●	●	●
Bricks	●	●	●	●	●	●	●	●		●	●	●	●		●	●	●	●
Ceramic tiles								●	●	●	●	●	●		●	●	●	●
Wood	●	●	●	●	●	●	●	●		●	●	●	●		●	●	●	●
Masonry	●	●	●	●	●	●	●	●		●	●	●	●		●	●	●	●
Glass									●	●	●	●	●	●		●	●	●
Glazed surfaces								●		●	●	●	●			●	●	●
Laminated glass														●				
Low-e glass														●				
Solar control glasses														●				
Warm edge spacers														●				
Enamel									●	●	●	●	●			●	●	●
Metals	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●
PVC	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●
Polycarbonates										●	●	●	●			●	●	●
EPDM								●										
EPS	●	●	●	●	●	●												
Varnished and painted surfaces	●	●	●	●	●	●	●	●	●	●	●	●	●			●	●	●



# Roof & Facade Category



## Well protected and weather sealed structures and roofs

**Roof & Facade category** products provide the easiest way to achieve professional-looking and aesthetically pleasing results when doing exterior construction, renovation and finishing works.

The products in this category protect the building's structure against any weather conditions (rain, sun, snow, wind) and help to increase its energy efficiency.

All products in **Roof & Facade category** are characterised by their versatility and long-lasting properties. These products adhere to all the most common exterior building materials and can be exposed to different weather conditions shortly after application.

### PU foams

**EasySpray Foam 111** 46

- Sprayable gun foam
- Very low (<0.1%) diisocyanate content

**SprayFoam 138** 47

- Good movement capability
- Sprayable gun foam

### Acrylic coatings

**WaterSil 602** 47

- Making porous surfaces water-repellent
- Increases thermal resistance

### Hybrid coatings

**Aqua Barrier 708** 48

- Immediately waterproof
- For roof repair works

### Butyl tapes

**Butyl Tape AL 440** 48

- Sealing and joining together materials
- Tear-resistant

### Butyl sealants

**Butyl Sealant 444** 49

- Sealing metal roofs
- "Self-healing" properties

### PU sealants

**PU-Sealant LM 825** 49

- Sealing joints between concrete elements
- Excellent for vertical joints

### Solvent-based sealants

**All Weather Sealant 919** 50

- Roof and guttering system repair works
- Can be in contact with bituminous surfaces

**Bitumen Sealant 939** 50

- Sealing roof, chimney and foundation joints
- Instantly ice- and waterproof

**WaterStop Sealant 930** 51

- Repairing roofs, facades and guttering systems
- Fibre-reinforced

### Hybrid sealants

**Universal Hybrid 747** 51

- For deformation, connection and perimeter joints
- For damp surfaces

**Facade Joint Hybrid 25LM** 52

- Sealing building's deformation, connection and perimeter joints
- High movement capability

### Acrylic sealants

**Facade Repair Mastic 12,5E** 53

- For facade cracks and joints
- Perfect for vertical joints

### Oxime silicone sealants

**Structural Glazing Silicone 371** 53

- Structural glazing works
- Very durable

**Lead Flashing 385** 54

- For roof repair works
- High movement capability

### Alkoxy silicone sealants

**Facade & Glazing Silicone 340 & 340c** 54

- Sealing glass curtain walling
- Non-sagging



# EasySpray Foam 111



## Sprayable gun foam for thermal and sound insulation



- Very low (<0.1%) diisocyanate content
- Excellent air tightness, thermal- and sound-insulation properties
- Enhanced UV resistance
- Quick and easy application
- Excellent adhesion to all common building materials
- Good movement capability
- Thickness of the insulation layer is freely selectable
- Spray applicator compatible with most foam guns

Thermal- and sound-insulating lintels, doors, ceilings, pipes, attics, balconies, garages, cellars, containers, vehicles, vessels and other construction parts with the risk of thermal bridges.

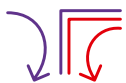
Insulating hard-to-reach surfaces and repairing the existing insulation layer.

Reducing the impact of thermal bridges.

Preventing condensation on cold surfaces.



CE EN 14315-1



Prevents thermal bridges



Prevents condensation



Elastic



Interior & Exterior use

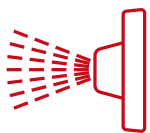
Colour



700 ml aerosol can



One-component, ready-to-use sprayable gun foam for sealing and insulating all types of inconvenient places, uneven and round surfaces, where using traditional insulation materials is difficult. **Penosil EasySpray Foam 111** formula, together with our special patented spray nozzle, creates this foam's unique structure.



### Penosil EasySpray Nozzle

Penosil's innovative and patented spray nozzle, made of flexible rubber, is compatible with most foam guns and attaches easily to the gun barrel.

The spray nozzle can be rotated between a vertical and horizontal position. Depending on the surface area to be covered, a broader spray trajectory may be preferable (horizontal position), or if a small area needs to be insulated, a vertical nozzle position should be used.

### Application:

Air temperature during use: +10°C to +30°C.

The next layer can be applied in 60 minutes.

The optimum spraying distance is 40 cm from the surface.

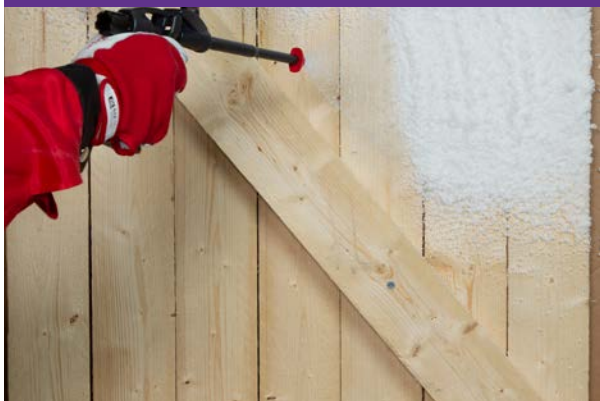
One foam layer's thickness should be max. 2 cm.

### Technical data

Properties	Value
Tack-free time (EN 17333-3)	<30 min
Rise time	<15 min
Fully cured (+23°C)	24 h
Post expansion (EN 17333-2)	100%
Density	12...16 kg/m <sup>3</sup>
Short term temperature resistance of cured foam	-50...+70°C
Reaction to fire classification (EN 13501-1)	F
Fire class of cured foam (DIN 4102-1)	B3
Thermal conductivity (EN 12667, EN 17333-5)	0.033 W/(m·K)
Sound reduction index R <sub>st,w</sub> (EN ISO 10140)	62 dB
Output (1 layer)	1 m <sup>2</sup> /can

The values specified were obtained at +23°C and 50% relative humidity, unless otherwise specified. These values may vary depending on environmental factors such as temperature, moisture and type of substrates.

# SprayFoam 138



Sprayable foam for insulation works



- Excellent air tightness
- Quick and easy application
- Good movement capability
- Thickness of the insulation layer is freely selectable
- Spray applicator compatible with most foam guns

Sealing and insulating all types of inconvenient places, uneven and round surfaces.

Thermal- and sound-insulating buildings, vehicles, vessels and other uneven surfaces.

Reducing the impact of thermal bridges.

Preventing condensation on cold surfaces.



Thermal insulation



Prevents thermal bridges



Prevents condensation



Interior & Exterior use

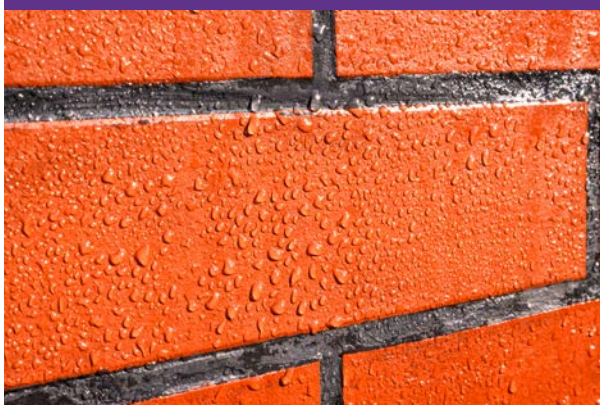
Colour



810 ml aerosol can



# WaterSil 602



Water-repellent impregnation agent for stone and cementitious surfaces



- Water-repellent protection for 5 to 10 years
- Increases thermal resistance
- Allows surfaces to breathe
- Protects from salt, dirt, lichens
- Prevents frost damage

Protecting natural stone, brick, concrete and plastered surfaces from frost damage, salts, alkalis, air contamination, dirt, and lichens.

Making porous surfaces water-repellent.



Weatherproof



Low odour



Waterproof

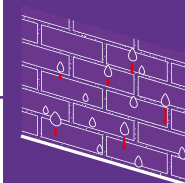


Interior & Exterior use

Colour



1 l bottle  
3 l / 5 l / 10 l  
canister



# Aqua Barrier 708



Hybrid coating for roof and gutter repair and renovation works



- Immediately waterproof
- Excellent adhesion on many surfaces, including damp surfaces
- Can be painted
- Excellent crack bridging ability
- Permanent elasticity

Sealing and repairing flat and pitched roofs, terraces and balconies.

Sealing and repairing guttering systems, lead flashings, chimney stacks, ventilation ducts, etc.



Low odour



Weatherproof



Can be painted

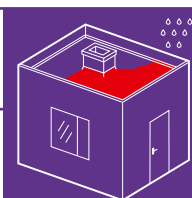


Exterior use

Colour



1 kg / 4 kg / 14 kg  
metal can



# Butyl Tape AL 440



Self-adhering butyl sealing tape with reinforced aluminium film for sealing and joining together various exterior surfaces



- Tear-resistant
- All season (0°C to +40°C)
- Cold application
- Reinforced aluminium film
- Great heat resistance

Sealing and joining together various surfaces such as door- and window frames, conservatories, guttering systems, pipes, ducts, etc.

Building canopies, roofs, chimneys, etc.



\*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentée un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (les faibles émissions) à C (fortes émissions).



Weatherproof



Waterproof



Vapour  
impermeable



Exterior use

Colour



10 m roll;  
width in mm:  
50, 75, 100, 150, 200, 300, 600





# Butyl Sealant 444



Weatherproof and durable butyl mastic for various exterior sealing works



- Permanently elastic
- "Self-healing" properties
- Very low vapour and gas permeability
- Non-corrosive to metals
- UV and weather resistant

Sealing metal roofs and lap joints between metal sheets.

Sealing and filling external window flashings.

Repairing roofs and guttering systems.

Airtight sealing and gluing of different membranes.

Sealing greenhouses.



Weatherproof



Long processing time



Low odour

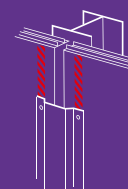


Interior & Exterior use

Colour



310 ml cartridge



# PU-Sealant LM 825



PU sealant with high movement capability and low elastic modulus for sealing facade joints



- Permanently elastic
- Weatherproof
- Excellent for vertical joints
- Non-sagging
- Low elastic modulus

Sealing building's deformation, connection and perimeter joints, e.g., joints between concrete elements, masonry joints, window and door perimeter joints, staircases, balconies, etc.

Sealing various exterior and interior penetrations such as pipe and cable penetrations.

CE F-EXT-INT-CC:25LM



Elastic



Weatherproof



Can be painted



Interior & Exterior use

Colour



600 ml foil package





## All Weather Sealant 919



Immediately waterproof sealant for quick facade and roof repair works, even during rain



- Mould, UV and weather resistant
- Can be painted
- Adheres even to wet and slightly oily surfaces
- Can be in contact with bituminous surfaces
- High elasticity

Roof repair works.

Excellent adhesion on many roofing materials, even on bituminous surfaces.

Repairing cracks and gaps even on wet and oily surfaces.

Sealing and repairing guttering systems.



Weatherproof



Elastic



Fast curing

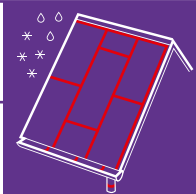


Interior & Exterior use

Colour



300 ml cartridge



## Bitumen Sealant 939



Multipurpose sealant for all exterior sealing and repair works



- Excellent adhesion to bituminous materials
- Quickly touch dry
- Instantly ice- and waterproof
- Can be used on humid surfaces
- High tensile strength

Filling and sealing roof, chimney and foundation joints.

Insulating joints between bituminous roof sheets.

Repairing small leakages and open cracks on flat roofs.

Repairing cracks between metal sheets.



Weatherproof



Fast



Withstands high temperatures

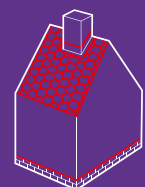


Exterior use

Colour



300 ml cartridge



# WaterStop Sealant 930



Elastic waterproof fibre-enforced sealant for sealing and repairing holes and cracks on wet and dry surfaces



- Instantly waterproof
- Fibre-reinforced
- Can be used on wet and humid surfaces
- High elasticity, resists structural movement up to 1 cm
- Suitable for underwater use

Repairing and sealing roofs, facades and guttering systems.

Sealing chimney connection joints.

Sealing cracks and joints in boats and caravans.



Weatherproof



Can be used in rain



Elastic



Interior & Exterior use

Colour



1 l metal can



# Universal Hybrid 747



Elastic MS polymer-based hybrid sealant for sealing various facade joints



- Permanently elastic
- Excellent workability
- Perfect for vertical joints
- Excellent adhesion on many surfaces, including damp surfaces
- Exterior and interior filling and sealing activities

Sealing building's deformation, connection and perimeter joints.

Sealing various exterior and interior penetrations such as pipe and cable penetrations.

Suitable for ventilation work.



CLASSE:  
MASTIC ÉLASTOMÈRE  
F25E



CE F-EXT-INT; PW-INT



Elastic



Weatherproof



Can be used in rain



Interior & Exterior use

Colour



290 ml cartridge  
600 ml foil package



# Facade Joint Hybrid 25LM



Hybrid facade joint sealant with high movement capability and long-lasting elasticity



- Elastic, high movement capability
- Weatherproof
- Practically odourless
- Adheres to humid surfaces
- Perfect for vertical joints
- Can be painted with water-based paints
- Excellent adhesion on many materials

Sealing building's deformation, connection and perimeter joints, e.g. joints between concrete elements, masonry joints, window and door perimeter joints, staircases, balconies, etc.

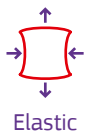
Sealing various exterior and interior penetrations such as pipe and cable penetrations.

Suitable for ventilation work.



\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (plus faibles émissions) à C (fortes émissions).

CE F-EXT-INT-CC:25LM



Elastic



Weatherproof



Low odour



Interior &  
Exterior use

Colour



290 ml cartridge  
400 ml / 600 ml  
foil package



MS polymer-based hybrid sealant for sealing and filling various exterior and interior joints.

Perfect for joints that require high elasticity and weatherproof performance.

Application temperature between +5°C and +40°C.

#### Limitations:

Not recommended for sealing natural stone surfaces, e.g. marble and granite.

#### Technical data

Properties	Value
Basis	Hybrid
Density (DIN 53 479-B)	1.44 g/ml
Skin forming time	50...70 min
Curing rate	3...4 mm/24 h
Loss of volume (ISO 10563)	<10%
Resistance to flow (ISO 7390)	0 mm
Service temperature	-40...+90°C
Movement capability (ISO 11600)	±25%
Shelf life	12 months
Shore A hardness (ISO 868)	27...30
<b>Properties of cured sealant</b>	
E-Modulus 100% (ISO 8339)	<0.4 N/mm <sup>2</sup>
Tensile strength (ISO 8339)	0.6 N/mm <sup>2</sup>
Elongation at break (ISO 8339)	>150%

The values specified were obtained at +23°C and 50% relative humidity, unless otherwise specified. These values may vary depending on environmental factors such as temperature, moisture and type of substrates.



# Facade Repair Mastic 12,5E



Elastic paintable siliconized acrylic for quick facade repair works



- Good movement capability
- Perfect for vertical joints, non-sagging
- Easy tooling
- Extra-smooth surface
- Easy to clean

Filling crack and joints with moderate movement capability ( $\pm 12.5\%$ ).

Excellent for works where regular acrylics may fail.

Repairing cracks and joints on facades.

Filling connecting joints between window and door frames, walls and ceilings.



CE F-INT-EXT-CC:12,5E



Elastic



Low odour



Can be painted

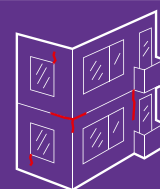


Interior & Exterior use

Colour



300 ml cartridge  
600 ml foil package  
5 l / 10 l bucket



# Structural Glazing Silicone 371



Oxime silicone for structural glazing applications



- Excellent mechanical properties
- Weatherproof
- UV and ageing resistant
- Very durable
- All structural bonding applications

Adhering and sealing system for structural glazing works.

Fixing 2- and 4-sided glass panels to the metal facade structure.

Suitable for both vertical and horizontal curtain walls.

Fixing glass panels in high-rise buildings.

SPECIFICATIONS  
EN 13022 -2  
ETAG 002



Long-lasting



Weatherproof



Withstands load

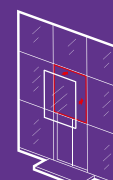


Interior & Exterior use

Colour



310 ml cartridge  
600 ml foil package  
25 kg bucket  
220 kg drum





# Lead Flashing 385



Neutral silicone for all roofing and lead flashing works



Elastic



Weatherproof



-40...+150°C

Withstands high temperatures



Interior & Exterior use

Colour



300 ml cartridge



- High movement capability
- Weatherproof
- UV and ageing resistant
- Non-corrosive to metals
- Solvent-free
- Excellent adhesion on many materials

Roof repair works.

Sealing and repairing guttering systems.

Sealing roof lights, downpipes, lead flashings, chimney stacks, ventilation ducts, etc.

Sealing and weatherproofing connection joints between lead and other roofing materials, including glass and plastics.



\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (les faibles émissions) à C (fortes émissions).

CE F-EXT-INT-CC:25LM; G-CC:25LM

# Facade & Glazing Silicone 340 & 340c



Elastic alkoxy silicone for sealing facade joints



Elastic



Weatherproof

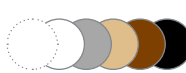


Low odour



Interior & Exterior use

Colour



300 ml cartridge



\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (les faibles émissions) à C (fortes émissions).



CLASSE: MASTIC ÉLASTOMÈRE F25E

CE 340: F-EXT-INT-CC:25LM; G-CC; PW-INT  
340c: F-EXT-INT-CC:25LM; G-CC



- High movement capability
- Low elastic modulus
- UV and ageing resistant
- Perfect for glazing works
- Non-corrosive to metals

Sealing and filling facade panel joints.

Sealing glass curtain walling.

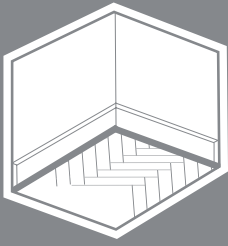
Sealing window and door perimeter joints.

Sealing various non-porous and porous surfaces.



Suitable for:	EasySpray Foam 111	SprayFoam 138	WaterSil 602	Butyl Tape AL 440	Aqua Barrier 708	Butyl Sealant 444	PU-Sealant LM 825	All Weather Sealant 919	Bitumen Sealant 939	WaterStop Sealant 930	Facade Joint Hybrid 25LM	Universal Hybrid 747	Facade Repair Mastic 12,5E	Structural Glazing Silicone 371	Lead Flashing 385	Facade & Glazing Silicone 340 & 340c
Plaster	●	●	●										●			
Plasterboard	●	●											●			
Ceramic tiles					●	●				●	●	●				●
Roof tiles					●							●				●
Concrete	●	●	●		●	●	●	●	●		●	●	●		●	●
Bricks	●	●	●		●	●	●	●			●	●	●		●	●
Stone	●	●	●							●						●
Wood	●	●		●		●	●	●		●	●	●	●		●	●
Masonry	●	●			●	●	●	●	●		●	●			●	●
Glass				●		●	●	●		●	●	●	●	●		●
Laminated glass								●						●		●
Low-e glass														●		
Solar control glass														●		
Metals	●	●		●	●		●	●	●	●	●	●	●	●	●	
Aluminium (lacquered, anodized)	●	●		●		●				●				●		●
PVC	●	●		●	●	●		●		●	●	●	●		●	●
Polycarbonate				●												●
Polyacrylate																●
Plexiglas				●												
Plastics					●	●	●	●								
Polystyrene	●	●														
Bituminous materials					●			●	●							

For the latest information, please visit Penosil website: [Penosil.com](https://www.penosil.com)



# Floor Category



## Perfectly prepared and sealed floors

Penosil **Floor category** products offer a complete solution for the floor's life cycle. There are products for preparing the surfaces before floor installation, installing different floor coverings and also for floor reparation works.

Preparing the sub-surfaces and installing the floor coverings correctly is not only aesthetically pleasing but also increases the floor's lifespan.

Our **Floor category** products are heavy-wear resistant and can be used for a multitude of floor covering materials such as concrete, parquet and soft floor coverings (linoleum, vinyl and carpets, etc.).

### Hybrid sealants

#### Floor Joint Hybrid 25HM

58

- Sealing concrete expansion joints
- High movement capability ( $\pm 25\%$ )

#### Self-Levelling Hybrid 716

59

- Horizontal heavy-wear floor joints
- Self-levelling

### PU sealants

#### PU-Sealant HM 868

59

- Sealing concrete joints
- Heavy-wear resistant

### Acrylic sealants

#### Parquet Filler 630

60

- Sealing parquet floor joints
- For furniture restoration

### Waterglass coatings

#### DustProofer 612

60

- Strengthening concrete floors
- Oil- and chemical-resistant



# Floor Joint Hybrid 25HM



Hybrid sealant for filling and sealing high movement connecting joints



- High movement capability ( $\pm 25\%$ ) and high modulus
- High wear resistance
- UV and weatherproof
- Adheres to damp surfaces
- Excellent adhesion with many materials
- Low odour
- Almost no shrinkage
- Solvents, silicones and isocyanates free

Sealing trafficable interior flooring joints such as concrete expansion and perimeter joints.

Suitable to be used instead of skirting boards.

Sealing and bonding interior and exterior high-movement connecting joints, e.g. between walls and floors, stairs, balconies, window- and door frames.



CE F-EXT-INT-CC; PW-INT



Elastic



Can be painted



Traffic resistant

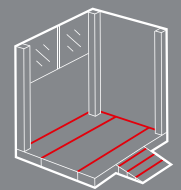


Interior & Exterior use

Colour



400 ml / 600 ml  
foil package



High modulus MS Polymer hybrid sealant for filling and sealing high-movement connecting joints between various surfaces.

Forms a high wear-resistant elastic seal that remains UV- and weatherproof.

Application temperature between  $+5^{\circ}\text{C}$  and  $+40^{\circ}\text{C}$ .

#### Limitations:

Not recommended for sealing natural stone surfaces, e.g. marble and granite.

#### Technical data

Properties	Value
Skin forming time	20-45 minutes
Density	1.36 g/ml
Curing rate	2-3 mm/24 h
Resistance to flow (ISO 7390)	0 mm

#### Properties of cured sealant

Temperature resistance	$-40$ to $+90^{\circ}\text{C}$
Movement capability	$\pm 25\%$
Hardness (Shore A)	approx. 35

#### Tensile properties

##### 2 mm thickness- ISO 37

Modulus at 100% elongation	0.6 N/mm <sup>2</sup>
Tensile strength	3.3 N/mm <sup>2</sup>
Elongation at break	950%

##### 12x12x50 mm joint- ISO 8339

Modulus at 100% elongation	0.6 N/mm <sup>2</sup>
Tensile strength	1.5 N/mm <sup>2</sup>
Elongation at break	$> 550\%$

The parameters indicated have been measured at  $+23^{\circ}\text{C}$  and 50% relative air humidity.

## Self-Levelling Hybrid 716



Self-levelling hybrid sealant for heavy-wear horizontal floor joints



- Easy to apply; flowing consistency
- Fast curing
- Non-shrinking
- Self-levelling; does not require smoothing
- Adheres to damp surfaces

Filling horizontal floor joints in garages, car parks, storage units, warehouses, industrial buildings, etc.

Filling joints in terraces, pedestrian streets, bridges, etc.

Sealing joints between floor tiles, brick, etc.



Oil resistant



Traffic resistant



Waterproof

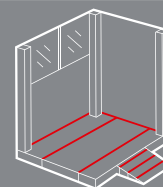


Interior &  
Exterior use

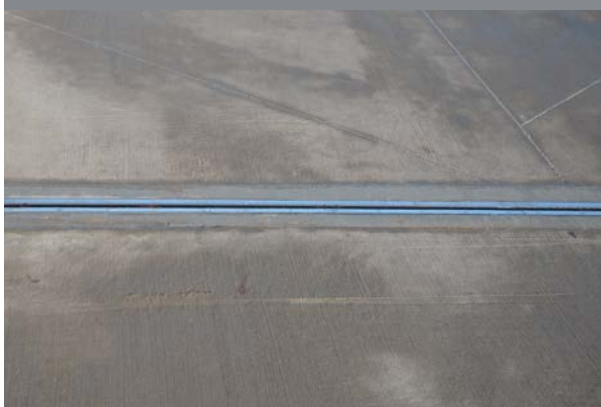
Colour



600 ml foil package



## PU-Sealant HM 868



Elastic PU sealant for sealing and insulating heavy-wear interior and exterior surfaces



- High movement capability
- High modulus
- Permanently elastic
- Heavy-wear resistant
- UV and weatherproof

Sealing concrete joints such as shrink control and other heavy-wear floor joints.  
Sealing welding joints.

Sealing and insulating joints in caravans, motor homes, etc.

Sealing joints in the naval industry.



Weatherproof



Long processing  
time



Traffic resistant

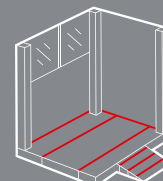


Interior &  
Exterior use

Colour



300 ml cartridge  
600 ml foil package



CE F-EXT-INT-CC:25HM; PW-EXT-INT-CC:25HM

## Parquet Filler 630



Acrylic parquet sealant for filling and sealing all wooden floor joints



Can be sanded



Can be painted



Low odour



- Suitable for repair works
- Can be used for furniture restoration
- Insulating and sealing
- All wooden floor surfaces
- Solvent free

Sealing varnished and unvarnished parquet floor joints.

Sealing and levelling surfaces and connections in carpentry.

Repairing gaps and cracks in wooden and laminated surfaces.

Furniture restoration.

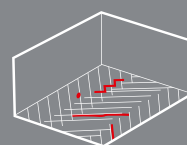


Interior use

Colour



300 ml cartridge



## DustProofer 612



Dust-proofing and concrete strengthening solution



Traffic resistant



Low VOC



Low odour



Interior use



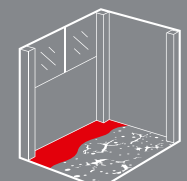
- Wear-resistant
- Preserves the breathability of concrete
- Oil and chemical resistant
- Water resistant
- Evenly seals floor's top layer

Dustproofing and strengthening floors in garages, car parks, storage units and industrial buildings. Protecting staircases, bridges and other interior concrete surfaces.

Colour



5 l / 10 l / 20 l canister

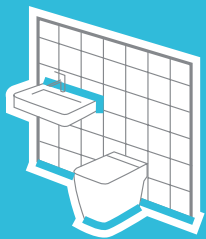






Suitable for:	Floor Joint Hybrid 25HM	Self-Levelling Hybrid 716	PU-Sealant HM 868	Parquet Filler 630	DustProofer 612
Wood	●	●	●	●	
Parquet	●			●	
Concrete	●	●	●	●	●
Bricks	●	●	●	●	
Masonry	●	●	●	●	
Plasterboard			●	●	
Metals	●	●	●	●	
Plastics	●	●	●		
Glass	●	●	●		
Ceramic tiles	●	●			
Painted surfaces	●	●	●		

For the latest information, please visit Penosil website: [Penosil.com](https://www.penosil.com)



# Sanitary Category



# Well-protected and aesthetically pleasing kitchens and bathrooms

Penosil **Sanitary category** has all the products necessary for building, refreshing and renovating sanitary rooms. The common purpose of these products is to protect sanitary rooms such as kitchens, bathrooms and other wet rooms from water infiltration, moisture, mould and bacteria.

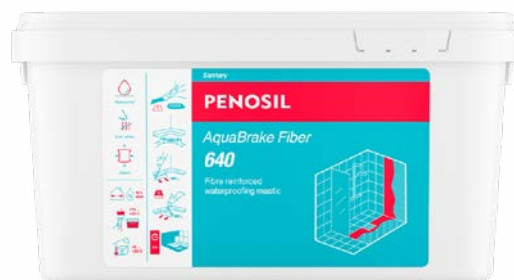
In this category there are products for strengthening and waterproofing the sub surfaces, sealing sanitary joints, and even for renovating bathtubs.

Liquid membranes		Acrylic sealants	
<b>AquaBrake Fiber 640</b>	64	<b>Sanitary SilAcryl Elastic 633</b>	69
<ul style="list-style-type: none"> <li>Hydro insulating wet and humid areas</li> <li>Suitable for heated floors</li> </ul>		<ul style="list-style-type: none"> <li>Sealing connecting joints</li> <li>Permanently elastic</li> </ul>	
Sealant tapes		Acetoxy silicone sealants	
<b>AquaBrake Fabric 435</b>	65	<b>No Mould Silicone 303</b>	69
<ul style="list-style-type: none"> <li>Reinforcement fabric</li> <li>Can be cut into any shape or size</li> </ul>		<ul style="list-style-type: none"> <li>High movement capability (<math>\pm 25\%</math>)</li> <li>Sealing glass modules</li> </ul>	
<b>AquaBrake Corner Patch In 434</b>	65	<b>Sanitary Silicone 313 &amp; 313c</b>	70
<ul style="list-style-type: none"> <li>Inner corner reinforcement patch</li> <li>Completely watertight</li> </ul>		<ul style="list-style-type: none"> <li>Sealing joints in wet and humid areas</li> <li>Retains its colour</li> </ul>	
<b>AquaBrake Corner Patch Out 433</b>	66	<b>Wet Room Silicone 323 &amp; 323c</b>	71
<ul style="list-style-type: none"> <li>Outer corner reinforcement patch</li> <li>Bridges cracks</li> </ul>		<ul style="list-style-type: none"> <li>Sealing around baths and shower taps</li> <li>Non-sagging</li> </ul>	
<b>AquaBrake Manchette 432</b>	66	Alkoxy silicone sealants	
<ul style="list-style-type: none"> <li>Pipe penetration reinforcement patch</li> <li>Permanently elastic</li> </ul>		<b>Cleanroom Silicone 342</b>	71
<b>AquaBrake Tape 431</b>	67	<ul style="list-style-type: none"> <li>Sealing joints in cold-storage rooms</li> <li>Low VOC</li> </ul>	
<b>AquaBrake Patch 430</b>	67	Oxime silicone sealants	
<ul style="list-style-type: none"> <li>Floor trap reinforcement patch</li> <li>Easy to use</li> </ul>		<b>Neutral Sanitary Silicone 350 &amp; 350c</b>	72
Coatings		<ul style="list-style-type: none"> <li>Finishing, sanitation and ventilation works</li> <li>Household chemical resistant</li> </ul>	
<b>HydroStop 644</b>	68	<b>Sanitary &amp; Food-Grade Silicone 326</b>	72
<ul style="list-style-type: none"> <li>Protecting porous wall and ceiling surfaces</li> <li>Works as a primer</li> </ul>		<ul style="list-style-type: none"> <li>Filling, sealing, glazing works</li> <li>Highest sanitary class: XS1</li> </ul>	
<b>Bath Coating 500</b>	68		
<ul style="list-style-type: none"> <li>Restoring cast iron bathtubs</li> <li>Complete restoration kit</li> </ul>			

# AquaBrake Fiber 640



Fibre-reinforced waterproofing mastic for wet and humid areas



- Protects wet room floors and walls
- Permanently elastic
- Waterproof
- Bridges cracks
- Suitable for heated floors
- Fibre reinforced
- Easy to use
- Practically odourless
- Colour change indicates drying

Hydro insulating bathrooms, sauna premises and other wet and humid areas before tiling and other finishing works.



Waterproof



Low odour



Elastic

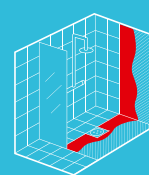


Interior use

Colour



1 l / 5 l / 10 l bucket



Water-based fibre-reinforced mastic for hydro insulating walls and floors in wet and humid areas before tiling. After drying forms an elastic and waterproof layer. Suitable for heated floors.

## Application:

Concrete, cement and plaster surfaces should first be primed with **Penosil BetPrimer 603**.

Application temperature between +10°C and +25°C (air, surfaces and product). Maximum relative humidity 80%.

Cured mastic must be covered with a suitable finishing material, e.g. tiles.

The thickness of the cured product layer should be approx. 0.4 mm on walls, 0.5 mm on the floor and 1.5 mm around traps.

## Limitations:

Not suitable for surfaces that are permanently underwater such as swimming pools.

Not suitable for rooms where temperature may exceed +80°C, e.g. sauna steam room walls.

## Technical data

Properties	Value
Final curing	6-12 h
Density	1.35 g/ml
pH	9.6
Crack bridging ability	0.75 mm
Consumption	1.1-1.3 kg/m <sup>2</sup>

The values specified were obtained at +23°C and 50% relative humidity, unless otherwise specified. These values may vary depending on environmental factors such as temperature, moisture and type of substrates.



# AquaBrake Fabric 435



Reinforcement fabric for hydro-insulating walls and floors in wet and humid areas



- Protects wet room floors and walls
- Completely watertight
- Bridges cracks
- Easy to use
- Can be cut into any shape or size

Hydro-insulating bathrooms, saunas, kitchens, balconies, terraces and other wet and humid areas before tiling and other finishing works.

Sealing and reinforcing floor traps, wall and floor connecting joints, around pipe penetrations and corners.



Waterproof



Vapour impermeable



Elastic

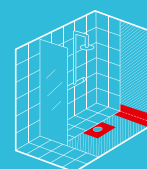


Interior use

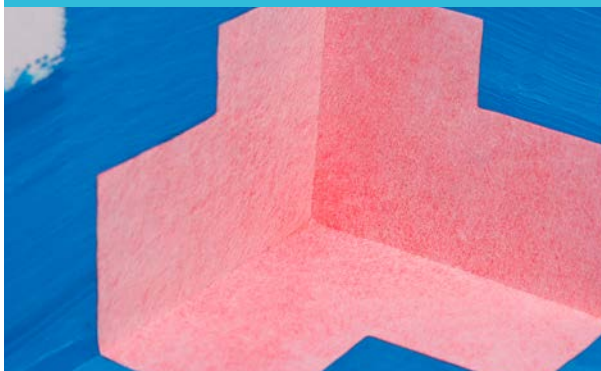
Colour



5 m<sup>2</sup> fabric, plastic bag  
10 m<sup>2</sup> fabric, plastic bag



# AquaBrake Corner Patch In 434



Waterproof inner corner reinforcement patch



- Completely watertight
- Bridges cracks
- Easy to use
- Permanently elastic
- Reinforces mastics

Reinforcing waterproofing mastic's structure.

Sealing inner corners in wet and humid areas before tiling and other finishing works.



Waterproof



Vapour impermeable



Elastic

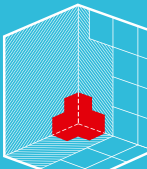


Interior use

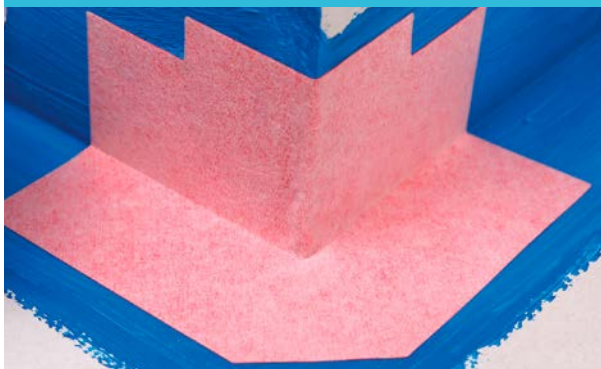
Colour



2 pcs, plastic bag



# AquaBrake Corner Patch Out 433



Waterproof outer corner reinforcement patch



- Completely watertight
- Bridges cracks
- Easy to use
- Permanently elastic
- Reinforces mastics

Reinforcing waterproofing mastic's structure.

Sealing outer corners in wet and humid areas before tiling and other finishing works.



Waterproof



Vapour impermeable



Elastic

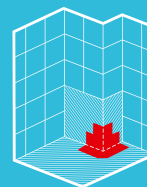


Interior use

Colour



2 pcs, plastic bag



# AquaBrake Manchette 432



Waterproof pipe penetration reinforcement patch



- Completely watertight
- Bridges cracks
- Easy to use
- Permanently elastic
- Reinforces mastics

Reinforcing waterproofing mastic's structure.

Sealing pipe penetrations in wet and humid areas before tiling and other finishing works.



Waterproof



Vapour impermeable



Elastic

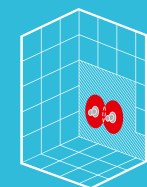


Interior use

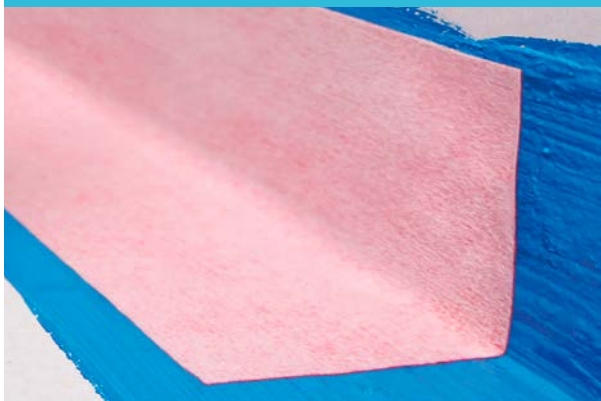
Colour



2 pcs (24x55 mm), plastic bag



# AquaBrake Tape 431



Waterproof joint reinforcement patch



- Completely watertight
- Bridges cracks
- Easy to use
- Permanently elastic
- Reinforces mastics

Reinforcing waterproofing mastic's structure.

Sealing wall and floor connecting joints and corners in wet and humid areas before tiling and other finishing works.



Waterproof



Vapour impermeable

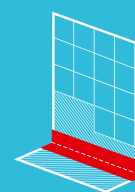


Elastic



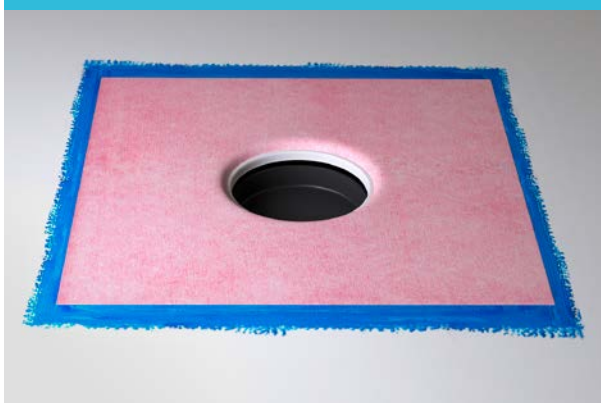
Interior use

Colour

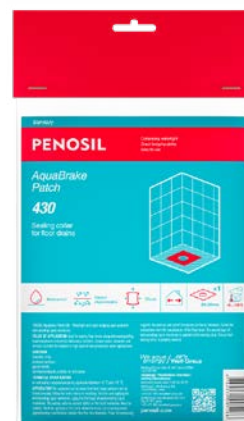


120 mm wide, 10 m roll, 1 roll per box  
120 mm wide, 50 m roll, 1 roll per box

# AquaBrake Patch 430



Waterproof floor trap reinforcement patch



- Completely watertight
- Bridges cracks
- Easy to use
- Permanently elastic
- Reinforces mastics

Reinforcing waterproofing mastic's structure.

Sealing around floor traps in wet and humid areas before tiling and other finishing works.



Waterproof



Vapour impermeable



Elastic



Interior use

Colour



1 pc (30x30 cm), plastic bag

## HydroStop 644



Moisture barrier coating for humid areas



- Moisture- and vapour-proof
- Works as a primer
- Can be painted
- Odourless
- Safe and easy to use

Hydro insulating wet and humid areas before tiling and other finishing works.

Protecting porous wall and ceiling surfaces such as plasterboards, concrete, plaster or brick walls from moisture penetration.



Can be painted



Vapour impermeable



Low odour

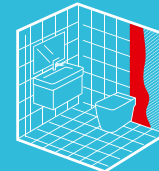


Interior use

Colour



1 l bottle  
3 l / 10 l / 25 l  
canister



## Bath Coating 500



Enamel paint for restoring cast-iron bathtubs



- Bacteria and mould resistant
- Complete restoration kit
- Brilliant white
- Can be tinted
- Easy to use and clean

Restoring cast iron bathtubs and other enamel surfaces.

Not suitable for sheet metal or plastic bathtubs!



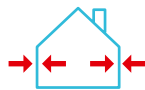
Waterproof



Easy to clean



Low odour

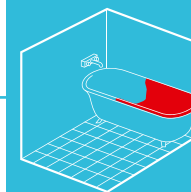


Interior &  
Exterior use

Colour

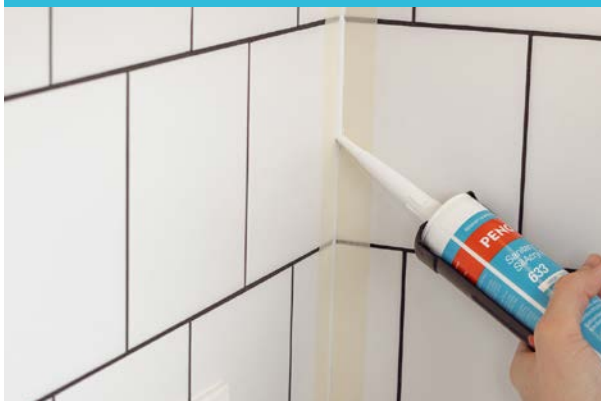


960 gr kit





## Sanitary SilAcryl Elastic 633



Siliconized acrylic with fungicides for various sealing and filling works



Mould resistant



Easy to clean



Low odour



- Permanently elastic
- Mould, water and ageing resistant
- Can be painted
- Low odour and low VOC
- Non-sagging

Sealing joints in wet and humid areas.  
Sealing connecting joints between tiled floors and walls, basins, toilets, baths and shower enclosures.



CE F-INT-EXT-CC: 12,5E; S-XS1

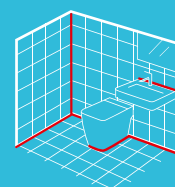


Interior use

Colour



290 ml cartridge



## No Mould Silicone 303



High-quality elastic sanitary silicone for sealing and filling works in wet and humid areas



Elastic



Mould resistant



Easy to clean



- High movement capability ( $\pm 25\%$ )
- Mould, UV and ageing resistant
- Waterproof in 20 minutes
- Non-shrinking
- Highest sanitary class: XS1

Sealing joints in wet and humid areas.  
Sealing connecting joints between tiled floors and walls, basins, toilets, baths and shower taps, and shower enclosures.  
Sealing glass modules.



CE F-INT-EXT-CC:25LM; G-CC; S-XS1

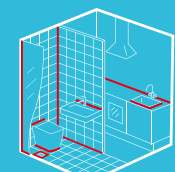


Interior & Exterior use

Colour



300 ml cartridge



# Sanitary Silicone 313 & 313c



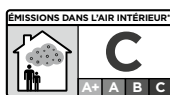
Multipurpose acetoxysanitary silicone  
for all sanitary applications



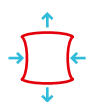
- Waterproof in just 30 minutes
- Mould, UV and ageing resistant
- Household chemicals resistant
- Retains its colour
- Non-sagging
- Great workability
- Permanently elastic
- Easy to clean

Sealing joints in wet and humid areas.

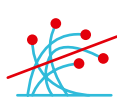
Sealing connecting joints between tiled floors and walls, basins, toilets, baths and shower taps, and shower enclosures.



CE 313: F INT-EXT-CC; G-CC; S  
313c: F INT; S - S



Elastic



Mould  
resistant

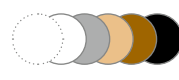


Easy to  
clean

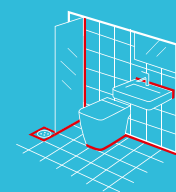


Interior &  
Exterior use

Colour



300 ml cartridge



Multipurpose acetoxysilicone sealant for waterproof sealing in wet and humid areas.

## Penosil sealant spatula:

Sanitary Silicone 313 comes with a tool - our patented sealant spatula.



Penosil spatula allows the user to achieve an even result across the entire joint and guarantees a smooth and clean joint finish.

The spatula is easy and fast to use; its simple and curved shape can be quickly cleaned and used again next time. Also, Penosil's sealant spatula can be used for a wide range of joints as its ribbed tip can be cut to a suitable size.

In the sealant spatula, we have fused together industrial production, functional design, ergonomic qualities and top-quality user experience.

## Technical data

Properties	Value
Basis	Acetoxysilicone
Density (DIN 53 479-B)	0.96 g/ml
Tack-free time	8...15 min
Skin forming time	20...30 min
Curing rate	1.8...2.0 mm/24 h
Loss of volume (ISO 10563)	<30
Resistance to flow (ISO 7390)	0 mm
Intensity of microbiological growth (ISO 846)	1
Application temperature	+5...+40°C
Service temperature	-40...+150°C
Shore A hardness (ISO 868)	13...14

## Properties of cured sealant

E-Modulus 100% (ISO 8339)	0.28...0.30 N/mm <sup>2</sup>
Tensile strength (ISO 8339)	0.43...0.45 N/mm <sup>2</sup>
Elongation at break (ISO 8339)	>200%
E-Modulus 100% (ISO 37)	0.21...0.23 N/mm <sup>2</sup>
Tensile strength (ISO 37)	1.1...1.4 N/mm <sup>2</sup>
Elongation at break (ISO 37)	>800%

The values specified were obtained at +23°C and 50% relative humidity, unless otherwise specified. These values may vary depending on environmental factors such as temperature, moisture and type of substrates.

## Wet Room Silicone 323 & 323c



Acetoxy sanitary silicone for sealing works in wet and humid areas



Mould resistant



Waterproof



Elastic



- Quickly touch dry
- Mould, UV and ageing resistant
- Permanently elastic
- Household chemistry resistant
- Non-sagging

Sealing joints in wet and humid areas.  
Sealing connecting joints between tiled floors and walls, basins, toilets, baths and shower taps.

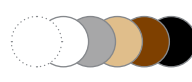


CE S - S

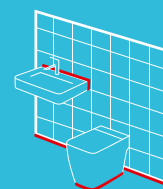


Interior use

Colour



280 ml cartridge



## Cleanroom Silicone 342



Neutral silicone for cleanrooms and other sanitary applications



Low VOC



Mould resistant



Low odour



- Mould resistant
- Great for cold-storage rooms
- Permanently elastic
- Excellent adhesion on a wide range of materials
- Low odour and low VOC

Sealing and filling joints in cold-storage rooms, kitchens, operating theatres, bathrooms, laboratories and other areas subjected to microorganism growth such as fungus.

Sealing joints in wet and humid areas.

Sealing connecting joints between tiled floors and walls, basins, toilets, baths and shower enclosures.



CE F INT-EXT-CC: 25LM; G-CC: 25LM; S-XS1

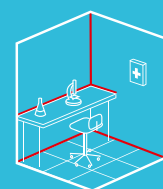


Interior & Exterior use

Colour



300 ml cartridge



## Neutral Sanitary Silicone 350 & 350c



Multipurpose neutral silicone for sanitary and ventilation works



Waterproof



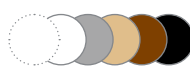
UV proof



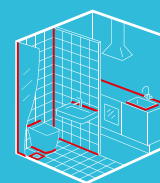
Mould resistant



Interior & Exterior use

Colour 

300 ml cartridge  
600 ml foil package



- Non-corrosive to metals
- Mould, UV and ageing resistant
- Household chemistry resistant
- Non-sagging
- Great workability

All finishing, sanitation and ventilation sealing works.

Exterior and interior filling, sealing and glazing works.

Sealing connecting joints between tiled floors and walls, basins, toilets, baths, taps and shower enclosures.



CE 350: F-INT-EXT:12,5E; G-CC; S-S1  
350c: F-INT-EXT:12,5E; G-CC; S-XS1

## Sanitary & Food-Grade Silicone 326



Multipurpose neutral silicone for sanitary applications, finishing and ventilation sealing works



Food safe



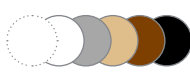
Mould resistant



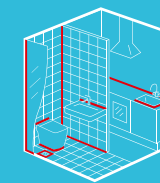
UV proof



Interior & Exterior use

Colour 

300 ml cartridge



- Highest sanitary class: XS1
- Household chemical resistant
- Non-corrosive to metals
- Non-sagging
- Great workability

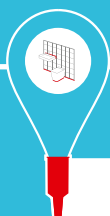
All finishing, sanitation and ventilation sealing works.

Filling, sealing, glazing indoors and outdoors.

Sealing connecting joints between tiled floors and walls, basins, toilets, baths, taps and shower enclosures.

CE F-EXT-INT-CC:25LM; G-CC:25LM; S: XS1





Suitable for:	AquaBrake Fiber 640	AquaBrake Fabric 435	AquaBrake Corner Patch In 434	AquaBrake Corner Patch Out 433	AquaBrake Manchette 432	AquaBrake Tape 431	AquaBrake Patch 430	HydroStop 644	Bath Coating 500	Sanitary SilAcryl Elastic 633	No Mould Silicone 303	Sanitary Silicone 313 & 313c	Wet Room Silicone 323 & 323c	Cleanroom Silicone 342	Neutral Sanitary Silicone 350 & 350c	Sanitary & Food-Grade Silicone 326
Plasterboard	●	●	●	●	●	●	●	●		●					●	
Concrete	●	●	●	●	●	●	●	●		●					●	●
Varnished wood										●	●	●	●	●	●	●
Bricks	●	●	●	●	●	●	●	●		●					●	●
Ceramic tiles										●	●	●	●	●	●	●
Glazed surfaces										●	●	●	●	●	●	●
Masonry	●							●		●					●	●
Glass										●	●	●	●	●	●	●
Aluminium (lacquered, anodized, painted)										●	●	●	●	●	●	●
Galvanised steel									●	●		●	●	●	●	●
Painted surfaces										●	●	●	●		●	
Most plastics										●	●	●	●	●	●	●
Acrylic bathtubs										●			●			
Plastered surfaces		●	●	●	●	●	●									
Construction boards		●	●	●	●	●	●									

For the latest information, please visit Penosil website: [Penosil.com](https://www.penosil.com)



# Decoration Category



# Smooth and perfectly finished interior surfaces

Finishing works are the final step of a construction or renovation project in which the interior's final appearance is formed. Therefore, preparing surfaces properly before finishing works such as painting, plastering or wallpapering is essential.

Penosil's **Decoration category** offers a range of elastic, crack-proof and easy-to-use products to prepare the surfaces. If used together and in the correct sequence, these products guarantee extra-smooth and good-looking interior surfaces for a long time.

The foams, sealants and fillers in this category are compatible with most common paints and plasters and have excellent filling and insulating properties.

## PU foams

<b>Filling Gunfoam 137</b>	76
<ul style="list-style-type: none"> <li>Filling cracks and larger holes before plastering and painting</li> <li>All-season use (-5°C to +30°C)</li> </ul>	
<b>Filling Foam 212</b>	76
<ul style="list-style-type: none"> <li>Filling cracks and larger holes before plastering and painting</li> <li>All-season use (-10°C to +30°C)</li> </ul>	
<b>White Filling Foam 267</b>	77
<ul style="list-style-type: none"> <li>Very low diisocyanate content</li> <li>Enhanced UV resistance</li> </ul>	

## Acrylic fillers

<b>LightFiller 620</b>	77
<ul style="list-style-type: none"> <li>Quick repair works before painting</li> <li>Overpaintable in 20 min</li> </ul>	
<b>PlasterSeal 650</b>	78
<ul style="list-style-type: none"> <li>Filling plasterboard joints and screw holes</li> <li>Overpaintable after 4 hours</li> </ul>	

## Acrylic sealants

<b>SilAcryl Elastic 610</b>	79
<ul style="list-style-type: none"> <li>Excellent for works where regular acrylics may fail</li> <li>Bright white and extra-smooth surface</li> </ul>	
<b>Acrylic Sealant 636</b>	80
<ul style="list-style-type: none"> <li>Filling cracks and joints before painting</li> <li>Low VOC</li> </ul>	
<b>Acrylic 671</b>	80
<ul style="list-style-type: none"> <li>Filling cracks and joints</li> <li>Non-sagging</li> </ul>	
<b>Painters Acrylic 606</b>	81
<ul style="list-style-type: none"> <li>Filling low movement joints</li> <li>Fine texture</li> </ul>	
<b>Grainy Acrylic 655</b>	81
<ul style="list-style-type: none"> <li>Filling joints and cracks in stucco</li> <li>Can be painted</li> </ul>	

## Filling Gunfoam 137



All-season gun foam for filling bigger gaps and openings



- Good filling properties
- Strong and solid structure
- Excellent air tightness
- High thermal and sound insulation properties
- Can be plastered and painted
- All season (-5°C to +30°C)

Filling gaps, cracks and larger openings before plastering and painting.

Sealing ventilation, cable and pipe penetrations.

Enhancing building's thermal and sound insulation.



\*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présenter un risque de nuisance par émissions, sur une échelle de classe allant de A+ (pres faibles émissions) à C (fortes émissions).



$\lambda = 0.033 \text{ W/(m·K)}$

Thermal insulation



62 dB

Sound insulation



Can be painted



Interior & Exterior use

Colour



650 ml aerosol can



## Filling Foam 212



All-season straw foam for filling bigger gaps and openings



- High expansion
- Can be plastered and painted
- All season (-10°C to +30°C)
- Strong and solid structure
- Excellent air tightness

Filling gaps, cracks and larger openings before plastering and painting.

Sealing ventilation, cable and pipe penetrations.

Enhancing building's thermal and sound insulation.



\*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présenter un risque de nuisance par émissions, sur une échelle de classe allant de A+ (pres faibles émissions) à C (fortes émissions).



$\lambda = 0.033 \text{ W/(m·K)}$

Thermal insulation



Big expansion



Can be painted



Interior & Exterior use

Colour



350 ml / 650 ml aerosol can





# White Filling Foam 267



Elastic filling straw foam with very low diisocyanate content



- Very low (<0.1%) diisocyanate content
- Enhanced UV resistance
- Low curing pressure
- Excellent movement capability
- Excellent air tightness, thermal and sound insulation properties

Filling cracks and larger holes before plastering and painting.

Sealing ventilation devices, cable and pipe penetrations.

Enhancing thermal and sound insulation.



\*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présent sur un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (les moins émissives) à C (les plus émissives).



Elastic



Low curing pressure



$\lambda = 0.034 \text{ W/(m}\cdot\text{K)}$   
Thermal insulation

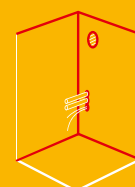


Interior & Exterior use

Colour



500 ml aerosol can



# LightFiller 620



Lightweight acrylic filler for filling cracks and screw holes



- Lightweight
- Fast drying, overpaintable in 20 min
- Non-shrinking
- Easy to use, for quick repairs
- Remains bright white

Repairing and filling small cracks and gaps in plasterboard, concrete, bricks, stucco and other most common wall materials.

Quick repair works before painting.

Bedding compound for plasterboard joints.

Suitable for indoor horizontal and vertical surfaces.



\*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présent sur un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (les moins émissives) à C (les plus émissives).

CE 1A



Can be painted



Can be sanded



Does not shrink

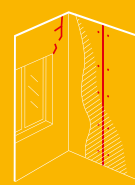


Interior use

Colour



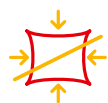
300 ml cartridge



# PlasterSeal 650



Lightweight ready-mixed filler for plasterboard joints



Does not shrink



Fast



Can be sanded



Interior use

Colour



5 l / 16 l bucket



- Lightweight
- Ready to use
- No need for joining tapes
- Non-shrinking, single layer application
- Quick drying, already overpaintable after 4 hours
- Very high crack resistance

Filling tapered, half-rounded tapered- and half rounded plasterboard edge joints without using any joining tapes.

Filling screw holes on plasterboards.



CE 4A

Fast-drying and ready-mixed lightweight acrylic filler for filling plasterboard joints. It is very easy and fast to apply as there is no need for joining tapes and due to its very low shrinkage it only needs to be applied once.

## Application:

Joint between two plasterboards must be around 2 to 4 mm.

Depending on the humidity and temperature, the drying time is 4 to 6 hours. After drying, it can be sanded, plastered and painted.

Consumption rate for tapered factory edge and half-rounded tapered factory edge is 0.2 l/m.

## Limitations:

Cannot be applied on plasterboards with levelled cut edge or mixed edges.

Do not cover before product has fully dried.

## Technical data

Properties	Value
Basis	Acrylic
Consistency	Non-slump paste
Density (DIN 53 479-B)	0.4 g/ml
Tack-free time	<10 min
Skin forming time	4...6 min
Loss of volume (ISO 10563)	3...5%
Resistance to flow (ISO 7390)	0 mm
Application temperature	+10...+40°C
Service temperature	+5...+75°C
Shelf life	24 months
Shore A hardness (ISO 868)	70

The values specified were obtained at +23°C and 50% relative humidity, unless otherwise specified. These values may vary depending on environmental factors such as temperature, moisture and type of substrates.

# SilAcryl Elastic 610



Paintable elastic sealant for filling moveable ( $\pm 12.5\%$ ) gaps and joints



- Good movement capability ( $\pm 12.5\%$ )
- Remains elastic
- Bright white extra-smooth surface
- Interior and exterior use
- Easy to clean
- Practically odourless
- Can be painted

Sealing cracks and joints with moderate movement capability where regular acrylics may fail.

Sealing and filling connecting joints between window and door frames, inner corners of walls and ceilings.

Filling plasterboard joints with cut edges and covering screw holes.



CE F-INT-EXT-CC: 12,5E



Elastic



Low odour



Can be painted



Interior & Exterior use

Colour



300 ml cartridge  
400 ml / 600 ml  
foil package



Bright white plasto-elastic siliconized acrylic sealant for filling moveable gaps and joints before painting and other finishing works. Its bright white and extra-fine texture ensures smooth, perfectly finished and long-lasting surfaces.

## Application:

Depending on the joint size, the curing time is 2.5-3 mm/day. During the curing process, make sure that sealed surfaces stay clean and are not under mechanical stress.

Suitable for use in HVAC systems in accordance with VDI6022, tested in accordance with EN ISO 846.

## Limitations:

Not suitable for joints with movement capability of more than 12.5%.

Painting over before the product is fully cured may cause the paint to crack.

Not suitable for surfaces in constant contact with water.

## Technical data

Properties	Value
Density (DIN 53 479-B)	1.42 g/ml
Tack-free time	8...10 min
Resistance to flow (ISO 7390)	0 mm
Intensity of microbiological growth (ISO 846)	2 min
Application temperature	+5...+40°C
Service temperature	-30...+75°C
Shelf life	18 months
Shore A hardness (ISO 868)	8...12°C

## Properties of cured sealant

E-Modulus 100% (ISO 8339)	0.32 N/mm <sup>2</sup>
Tensile strength (ISO 8339)	0.39 N/mm <sup>2</sup>
Elongation at break (ISO 8339)	>300%

The values specified were obtained at +23°C and 50% relative humidity, unless otherwise specified. These values may vary depending on environmental factors such as temperature, moisture and type of substrates.

# Acrylic Sealant 636



Paintable acrylic sealant for filling joints with moderate movement



- Extra-fine and non-sagging texture
- Can be painted
- Long-lasting UV and mould resistant plastic connection
- Practically odourless
- Low VOC, safe to use
- Easy to use

Filling cracks and joints with moderate movement such as inner corners of walls and ceilings.

Sealing porous surfaces.

Preparing surfaces before painting and other finishing works.



CE F-EXT-INT: 12,5P



Low odour



Can be painted



Cleanable with water



Interior & Exterior use

Colour



280 ml cartridge  
600 ml foil package



# Acrylic 671



Acrylic sealant for masonry works



- UV resistant
- Non-sagging
- Easy to use
- Can be painted
- Low VOC

Filling cracks and joints with low movement capability.

Filling connecting joints between window and door frames, walls and ceilings.



\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présent en risque de toxicité par inhalation, sur une échelle de classe A+ de A+ (très faibles émissions) à C (fortes émissions).

CLASSE: MASTIC PLASTIQUE 7,5P

CE F-EXT-INT



Low odour



Can be painted



Cleanable with water



Interior & Exterior use

Colour



300 ml cartridge  
400 ml foil package





# Painters Acrylic 606



Acrylic sealant for filling gaps and joints before decorating works



- Non-sagging
- Can be painted
- Fine texture
- Low VOC
- Practically odourless

Filling cracks and joints with low movement capability.

Sealing porous surfaces such as concrete.

Ensuring smooth surfaces prior to painting and other finishing works.



\*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentée en fonction de la classe de performance, sur une échelle de classe allant de A+ (pas d'émission) à C (fortes émissions).

CE F-INT



Low odour



Can be painted



Cleanable with water



Interior use

Colour



300 ml cartridge



# Grainy Acrylic 655



Grainy acrylic sealant for filling joints and cracks on stucco and other rough textured surfaces



- Forms stucco-like surface
- UV, weather and ageing resistant after painting
- Safe to use, free of solvents, isocyanate and silicone
- Easy tooling
- Can be painted

Filling and sealing joints, gaps and cracks in stucco and other rough textured surfaces.

Repairing lime-cement plaster or special decorative plaster walls such as antique plaster.

Sealing low movement joints (up to 7.5%) with moderate tensile stress.

Grainy formula ensures uniform and weatherproof finishing on rough textured surfaces.



\*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentée en fonction de la classe de performance, sur une échelle de classe allant de A+ (pas d'émission) à C (fortes émissions).

CE F-EXT-INT: 7,5P



Can be painted



UV proof



Low odour

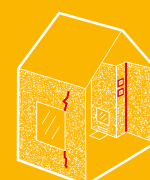


Interior & Exterior use

Colour



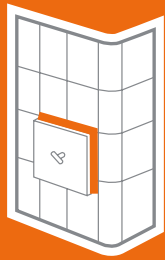
300 ml cartridge





Suitable for:	Filling Gunfoam 137	Filling Foam 212	White Filling Foam 267	LightFiller 620	PlasterSeal 650	SiAcryl Elastic 610	Acrylic Sealant 636	Acrylic 671	Painters Acrylic 606	Grainy Acrylic 655
Plasterboard	●	●	●	●	●	●	●	●	●	●
Plaster	●	●	●	●	●	●	●			●
Concrete	●	●	●	●	●	●	●	●	●	●
Stone	●	●	●	●		●	●			●
Bricks	●	●	●	●	●	●	●			●
Ceramic tiles						●	●	●	●	●
Wood	●	●	●	●	●	●	●	●	●	●
Masonry	●	●	●	●	●	●	●	●	●	●
Glass						●				
Treated metals	●	●	●	●	●	●	●	●	●	●
PVC	●	●	●			●	●	●	●	
EPS	●	●	●							

For the latest information, please visit Penosil website: [Penosil.com](http://Penosil.com)



# Fireproofing High Temperature Category



## Fire-proof and heat-resistant structures

Penosil's **Fireproofing / High Temperature** category products have been developed for environments that are subject to or may become subject to extreme heat and fire. In this category, there are certified fire-retardant products and products to withstand extreme temperatures.

Extreme temperature products can be used for sealing and filling works in places such as chimneys, ovens, fireplaces, stoves, and even sealing mechanical parts exposed to high temperatures.

Fire retardant products can be used for insulation and sealing works in areas where heightened fire resistance is required, such as fire-proof doors, windows and walls.

Using **Fireproofing / High Temperature** category products correctly helps to prevent the spread of flames, smoke and toxic substances in the event of a fire.

### PU foams

#### Fire Rated Gunfoam B1 187 85

- Installing fire-proof doors and windows
- B1 fire class (DIN)

#### Fire Rated Foam B1 296 86

- Sealing joints in fire-rated walls
- B1 fire class (DIN)

### Acetoxy silicone sealants

#### HighTemp Acetoxy Silicone +250°C 86

- Sealing mechanical parts
- Temperature resistant up to +250°C

### Oxime silicone sealants

#### FireStop Silicone 331 87

- Sealing fire-proof window- and door frames
- High movement capability ( $\pm 25\%$ )

#### HighTemp Neutral Silicone +300°C 88

- Heat-resistant and elastic connection
- Temperature resistance up to +300°C

### Hybrid sealants

#### FireStop Hybrid 720 88

- Sealing fire-resistant expansion and connection joints
- UV, weather and ageing resistant

### Acrylic sealants

#### FireStop Intumescent 680 89

- Sealing ventilation and smoke ducts
- Withstands fire up to 3 hours in a linear joint

#### FireStop Acrylic 618 89

- Sealing interior fire-resistant joints
- Withstands fire up to 4 hours

### Waterglass fillers

#### HighTemp Sealant +1500°C 90

- Insulating fireplaces and stoves
- Temperature resistance up to +1500°C



# Fire Rated Gunfoam B1 187



Fire-rated gun foam for installation and sealing works



- Fire resistant up to 240 minutes
- B1 fire class (DIN) and B-s1,d0 (EN)
- Low expansion
- High mechanical strength
- Excellent thermal and sound insulation
- Very good adhesion to many materials

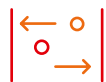
Installing fire-proof doors and windows.

Sealing joints in fire-rated walls.

Sealing and filling works in places where heightened fire safety requirements apply.

Enhancing thermal and sound insulation.

Reducing the impact of thermal bridges.



Low curing pressure



$\lambda = 0.030 \text{ W/(m·K)}$   
Thermal insulation



62 dB  
Sound insulation



Interior & Exterior use

Colour



750 ml aerosol can



Fire-rated one-component polyurethane gun foam for installing and sealing fire-proof doors, windows, walls and other sealing works in places with heightened fire safety requirements.

Adheres well to most materials, such as wood, concrete, stone, plaster, metal, PVC and polystyrene.

#### Application:

Air temperature during use: +5°C to +30°C.

Fill the joints up to approx. 75%.

#### Limitations:

Cured foam needs to be covered with a suitable material to protect against UV rays.

The values specified were obtained at +23°C and 50% relative humidity, unless otherwise specified. These values may vary depending on environmental factors such as temperature, moisture and type of substrates.

#### Technical data

Properties	Value
Tack-free time (EN 17333-3)	6...10 min
Cutting time (30 mm bead, EN 17333-3)	<30 min
Fully cured in joint, 3x5 cm (+23°C)	<8 h
Curing pressure (EN 17333-2, moistened surfaces)	<3 kPa
Post expansion (EN 17333-2)	<50%
Density in joint, 3x10cm (WGM106)	17...22 kg/m <sup>3</sup>
Dimensional stability (EN 17333-2, moistened surfaces)	<1%
Temperature resistance of cured product	-50...+90°C
Fire resistance class (EN 13501-2)	Up to EI240
Reaction to fire classification (EN 13501-1)	B-s2,d0
Fire class of cured foam (DIN 4102-1)	B1
Tensile strength / elongation (EN 17333-4, moistened surfaces)	>95 / 14 kPa/%
Compression strength (EN 17333-4, moistened surfaces)	>40 kPa
Shear strength (EN 17333-4, moistened surfaces)	>45 kPa
Thermal conductivity (EN 12667, EN 17333-5)	0.03 W/(m·K)
Sound reduction index Rst,w (EN ISO 10140)	62 dB
Water vapour permeability (EN 12086)	<0.06 mg/(m·h·Pa)

## Fire Rated Foam B1 296



Fire-rated straw foam for installation and sealing works



- Fire resistant up to 240 minutes
- B1 fire class (DIN) and B-s1,d0 (EN)
- High expansion
- High mechanical strength
- Very good adhesion to many materials

Installing fire-proof doors and windows.

Sealing joints in fire-rated walls.

Sealing and filling works in places where heightened fire safety requirements apply.



Big expansion



$\lambda = 0.033 \text{ W/(m·K)}$   
Thermal insulation



62 dB  
Sound insulation



Interior &  
Exterior use

Colour



760 ml aerosol can



## HighTemp Acetoxy Silicone +250°C



Heat-resistant acetoxy silicone for insulating and sealing in areas exposed to high temperatures



- Temperature resistant up to +250°C
- Permanently elastic
- Weatherproof
- UV and ageing resistant
- Interior and exterior use

Sealing joints exposed to heat.

Sealing mechanical parts that work in high temperatures, e.g. engine repairs.

Suitable for various industrial solutions.



Withstands high  
temperatures



Elastic



Weatherproof

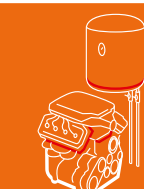


Interior &  
Exterior use

Colour



300 ml cartridge



# FireStop Silicone 331



Neutral silicone for fireproofing joints exposed to fire



- Withstands fire up to 4 hours
- High movement capability ( $\pm 25\%$ )
- UV, weather and ageing resistant
- Halogen, solvent and asbestos free
- Low odour

Weatherproofing and sealing expansion joints where fire resistance is required.

Sealing fire-proof window- and door frames.

Sealing ventilation and smoke ducts, cable passages, pipe penetrations, etc.



CE F-INT-EXT-CC:25HM



Elastic



Withstands high temperatures



Weatherproof



Interior & Exterior use

Colour



300 ml cartridge  
400 ml / 600 ml  
foil package



Neutral silicone sealant with increased fire resistance for joints exposed to fire.

Especially designed for weatherproofing and sealing of exterior and interior expansion joints where fire resistance is required.

Excellent adhesion on many materials.

During the curing process, make sure that sealed surfaces stay clean and are not under mechanical stress.

#### Limitations:

Not recommended for sealing natural stone surfaces, e.g. marble and granite.

#### Technical data

Properties	Value
Basis Oxime	
Density (DIN 53 479-B)	1.25 g/ml
Tack-free time	5...8 min
Skin forming time	10...20 min
Curing rate	2...3 mm/24 h
Application temperature	+5...+40°C
Service temperature	-40...+150°C
Movement capability (ISO 11600)	$\pm 25\%$
Shelf life	18 months
Shore A hardness (ISO 868)	22...26
<b>Properties of cured sealant</b>	
E-Modulus 100% (ISO 37)	0.38 N/mm <sup>2</sup>
Tensile strength (ISO 37)	1.6 N/mm <sup>2</sup>
Elongation at break (ISO 37)	>600%

The values specified were obtained at +23°C and 50% relative humidity, unless otherwise specified. These values may vary depending on environmental factors such as temperature, moisture and type of substrates.

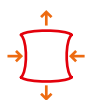
## HighTemp Neutral Silicone +300°C



Neutral silicone for applications where a heat-resistant and elastic connection is required



Withstands high temperatures



Elastic



Weatherproof



Interior & Exterior use

Colour



300 ml cartridge



- Temperature resistance up to +300°C
- Permanently elastic
- Excellent adhesion on many materials
- UV, weather and ageing resistant
- Non-corrosive

Insulating and sealing works where a heat-resistant and elastic connection is required.

Sealing connecting joints between porous and non-porous surfaces exposed to high temperatures.

Sealing heaters, ovens, expansion tanks and boilers, smokestacks, ventilation equipment, exhaust systems.



\*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentiel un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

## FireStop Hybrid 720



Hybrid sealant for fireproofing joints and sealing penetrations in fire-rated structures



Low odour



Weatherproof



Withstands high temperatures



Interior & Exterior use

Colour



290 ml cartridge



- Excellent movement capability
- Non-corrosive
- Prevents the passage of fire and hot gases
- UV, weather and ageing resistant
- Easy tooling

Filling and sealing various interior and exterior joints.

Sealing fire-resistant expansion and connection joints.

Fire-resistant sealing of concrete wall units and passive fire safety walls.



\*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentiel un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).



CE F-EXT-INT-CC; 25HM



## FireStop Intumescent 680



Acrylic-based intumescent sealant for fireproofing joints and sealing penetrations in fire-rated structures



Cleanable with water



Can be painted



Low odour



- Withstands fire up to 3 hours in a linear joint
- Prevents the passage of fire and hot gases
- Halogen, solvent and asbestos free
- Can be painted
- Excellent adhesion on many materials

Sealing interior fire-resistant joints.

Sealing joints in partition walls, window and door frames.

Sealing ventilation and smoke ducts, cable passages, pipe penetrations, etc.

Repairing cracks in concrete plaster.



\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (plus faibles émissions) à C (fortes émissions).

CE F-INT



Interior use

Colour



300 ml cartridge



## FireStop Acrylic 618



Acrylic sealant for fireproofing low-expansion construction joints and sealing penetrations in fire-rated structures



UV proof



Can be painted



Low odour



- Withstands fire up to 4 hours
- Halogen, solvent and asbestos free
- Non-sagging
- Easy tooling
- Can be painted

Sealing interior fire-resistant joints.

Sealing low-movement prefabricated joints, partition walls, window and door frames.

Sealing penetrations such as pipes, conduits, etc.

Repairing cracks in concrete plaster.



CE F-INT



Interior use

Colour



300 ml cartridge  
600 ml foil package



# HighTemp Sealant +1500°C



High-temperature-resistant sealant  
for filling and insulating



- Temperature resistance up to +1500°C
- Solid structure after heating
- Insulates and seals
- No odour
- Suitable for natural stone surfaces
- Can be painted
- Easy to use and clean

Insulating and sealing works where high heat resistance is required.

Insulating and filling joints and cracks in chimneys, ovens, fireplaces and stoves.



Withstands high  
temperatures



Cleanable with  
water



Long processing  
time



Interior &  
Exterior use

Colour



280 ml cartridge



Silicate-based extreme-temperature-resistant sealant for filling and insulating joints and cracks in chimneys, ovens, fireplaces and stoves.

After heating, the sealant will turn dark grey, extra hard and high-temperature resistant (for a short time can be exposed to temp. up to +1500°C).

## Application:

For complete curing, slowly heat the sealant up to +250°C.

## Limitations:

Not suitable for moveable joints or sealing surfaces that expand or contract when exposed to temperature fluctuations.

## Technical data

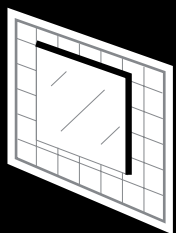
Properties	Value
Basis	Waterglass
Density (DIN 53 479-B)	2.04 g/ml
Tack-free time	2...4 min
Curing rate	1...2 mm/24h
Resistance to flow (ISO 7390)	0 mm
Application temperature	+5...+40°C
Service temperature	-30...+1500°C (short period)
Shelf life	12 months
Shore A hardness (ISO 868)	75

The values specified were obtained at +23°C and 50% relative humidity, unless otherwise specified. These values may vary depending on environmental factors such as temperature, moisture and type of substrates.



Suitable for:	Fire Rated Gunfoam B1 187	Fire Rated Foam B1 296	HighTemp Acetoxy Silicone +250°C	FireStop Silicone 331	HighTemp Neutral Silicone +300°C	FireStop Hybrid 720	FireStop Intumescent 680	FireStop Acrylic 618	HighTemp Sealant +1500°C
Plasterboard	●	●		●			●	●	
Plaster	●	●					●		
Concrete	●	●		●	●	●	●	●	●
Stone	●	●						●	●
Bricks	●	●			●	●	●	●	●
Ceramic tiles			●	●	●	●	●	●	●
Wood	●	●		●	●	●	●	●	
Masonry	●	●		●	●	●	●	●	●
Glass			●	●	●	●	●	●	
Treated metals	●	●	●	●	●	●	●	●	●
Aluminium (lacquered, anodized, painted)	●	●	●		●				
EPS	●	●							
Plastics	●	●	●			●	●		
Laminated surfaces			●						

For the latest information, please visit Penosil website: [Penosil.com](https://www.penosil.com)



# Adhering Category





## Quick and strong bonding solutions

Gluing is often the only way to fixate some materials. Penosil's **Adhering** category products provide a fast, solid and durable fixation with a wide range of materials. Penosil's adhesives can be used for many interior and exterior construction works, from simple mirror installation to fixing building blocks and insulation panels.

In our adhesives range, you can find a variety of innovative foams, sealants, putties and sprays in multiple packaging options.

### Foam adhesives

<b>SpeedFix Construction 878</b>	95
<ul style="list-style-type: none"> <li>■ Fixing and sealing insulation boards, construction blocks and boards, etc.</li> <li>■ All-season use (-5°C to +30°C)</li> </ul>	
<b>Polystyrol FixFoam 877</b>	96
<ul style="list-style-type: none"> <li>■ Fixing insulation boards</li> <li>■ All-season use (-5°C to +30°C)</li> </ul>	
<b>Fast Foam Adhesive 888</b>	96
<ul style="list-style-type: none"> <li>■ Replaces traditional adhesives</li> <li>■ Extra-fast and strong bond</li> </ul>	
<b>Subfloor Adhesive 850</b>	97
<ul style="list-style-type: none"> <li>■ Building subfloors and deckings</li> <li>■ Collapses to gel after application</li> </ul>	
<b>StoneFix 827</b>	97
<ul style="list-style-type: none"> <li>■ Fixing construction blocks</li> <li>■ For non-load-bearing walls</li> </ul>	
<b>Landscaping Adhesive 865</b>	98
<ul style="list-style-type: none"> <li>■ Ideal for securing landscaping stones</li> <li>■ All-season use (+5°C to +30°C)</li> </ul>	

### Solvent-based adhesives

<b>SpeedFix Universal 907</b>	98
<ul style="list-style-type: none"> <li>■ Multipurpose and high performance</li> <li>■ All-season use (-10°C to +40°C)</li> </ul>	
<b>SpeedFix Clear 909</b>	99
<ul style="list-style-type: none"> <li>■ For glass surfaces</li> <li>■ Transparent and affordable</li> </ul>	
<b>Prime&amp;Fix 900</b>	99
<ul style="list-style-type: none"> <li>■ Adhesive and primer in one</li> <li>■ Sprayable</li> </ul>	

### Hybrid adhesives

<b>SpeedFix Seal&amp;Bond 700</b>	100
<ul style="list-style-type: none"> <li>■ Sealant and adhesive in one</li> <li>■ High movement capability (±25%)</li> </ul>	
<b>Hybrid Polymer Turbo-Tack 701</b>	101
<ul style="list-style-type: none"> <li>■ Impact and vibration absorbing</li> <li>■ High initial tack</li> </ul>	
<b>Seal&amp;Fix 709</b>	101
<ul style="list-style-type: none"> <li>■ Sealant and adhesive in one</li> <li>■ Moderate movement capability (±12.5%)</li> </ul>	
<b>SpeedFix High Tack 707</b>	102
<ul style="list-style-type: none"> <li>■ General construction works</li> <li>■ Extra-strong bond, for heavier objects</li> </ul>	
<b>SpeedFix Seal&amp;Bond 750</b>	103
<ul style="list-style-type: none"> <li>■ General construction works</li> <li>■ Does not affect reflective layer</li> </ul>	
<b>SpeedFix Seal&amp;Bond 751</b>	103
<ul style="list-style-type: none"> <li>■ Extra-strong and transparent bond</li> <li>■ Can be used on humid surfaces</li> </ul>	
<b>SpeedFix All Exterior 777</b>	104
<ul style="list-style-type: none"> <li>■ General exterior works</li> <li>■ UV- and weatherproof</li> </ul>	
<b>EPDM Adhesive 740</b>	104
<ul style="list-style-type: none"> <li>■ Bonding and repairing various EPDMs</li> <li>■ UV- and weatherproof</li> </ul>	
<b>SpeedFix Crystal 799</b>	105
<ul style="list-style-type: none"> <li>■ For metal and glass surfaces</li> <li>■ Strong, transparent and elastic bond</li> </ul>	
<b>SpeedFix Mirror 736</b>	105
<ul style="list-style-type: none"> <li>■ Installing mirrors and stained glass</li> <li>■ High movement capability (±25%)</li> </ul>	
<b>Floor&amp;Wall ParquetFix 749</b>	106
<ul style="list-style-type: none"> <li>■ Installing parquet and wooden flooring</li> <li>■ Suitable for underfloor heating</li> </ul>	
<b>ParquetFix Easy 748</b>	106
<ul style="list-style-type: none"> <li>■ Installing wooden floorings</li> <li>■ Withstands load</li> </ul>	

## Acrylic adhesives

### SpeedFix All Interior 697 107

- Interior decoration and finishing works
- Moisture proof

### SpeedFix Duragrip 617 108

- Interior finishing works
- Solvent free

### StyroFix 615 108

- Installing polystyrene decorative elements and boards
- Can be painted

### MembraneFix 629 109

- Bonding various membranes, films, PE and PP
- Fully airtight connection

### Floor&Wall UniversalFix 619 109

- Installing soft floor- and wall-covering materials
- Suitable for underfloor heating

### Floor&Wall UltraFix 665 110

- Installing soft floor- and wall-covering materials
- Low viscosity

### WoodFix PVA D3 647 110

- Moisture-proof PVA glue
- For carpentry works

### WoodFix PVA D2 637 111

- PVA glue for interior use
- For carpentry and handicraft works

## Epoxy adhesives

### Epoxy Fix&Coat 507 111

- Adhering, coating and repair works
- Transparent

### EpoxyFix Aqua 510 112

- Repair and modelling works
- For wet and underwater surfaces

### EpoxyFix Metal 520 112

- Repair and modelling works
- For metal surfaces

### EpoxyFix Wood 530 113

- Repair and reconstruction works
- For wooden surfaces

### EpoxyFix Plastic 540 113

- Repair and reconstruction works
- For plastic surfaces

## Special adhesives

### Aquarium Silicone 380 114

- Sealing and gluing aquariums and glass partition wall systems
- Safe for aquatic life

### SpeedFix Chemical Anchor 597 114

- Anchoring on vertical and horizontal surfaces
- For brick and concrete surfaces

### SpeedFix Cyano 007 115

- Instant glue kit
- For non-porous and porous surfaces

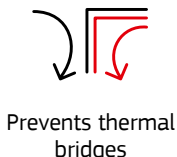
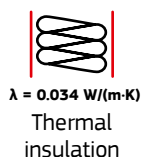
### SpeedFix Cyano 626 115

- Instant glue
- For vertical surfaces

# SpeedFix Construction 878



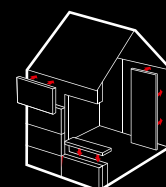
**Foam adhesive with EasyGun applicator for fixing and sealing rigid insulation boards**



Colour



750 ml aerosol can



- All-season (-5°C to +30°C)
- Low curing pressure and post expansion
- Strong structure
- Adhering and sealing narrow joints
- Special EasyGun applicator
- Great adhesive properties
- Thermal and sound insulation

Fixing insulation boards on facades and foundations.

Fixing interior dry lining construction boards.

Fixing windowsills and adhering construction blocks.



Foam adhesive with EasyGun applicator for fixing insulation boards, plasterboards, windowsills construction blocks, etc. Excellent adhesive and thermal insulation properties.

**SpeedFix Construction 878** is a truly versatile product, as it can be used with a traditional foam gun or our patented EasyGun applicator.

**Penosil EasyGun applicator** allows filling and insulation of narrow and deep gaps and other hard-to-access joints. The applicator can access cracks and gaps that are impossible to seal with traditional foam straw or gun.



EasyGun applicator is easy to use and can be attached to the gun valve in just a few simple movements.

#### Limitations:

Cured foam needs to be covered with a suitable material to protect against UV rays.

Not recommended for bituminous surfaces.

Windowsills must have additional constructional support, foam can only be used as an adhesive.

#### Technical data

Properties	Value
Tack-free time (EN 17333-3)	5...10 min
Cutting time (30 mm bead, EN 17333-3)	<30 min
Post expansion (EN 17333-2)	<1.5%
Dimensional stability (EN 17333-2, moistened surfaces)	<1%
Temperature resistance of cured foam adhesive	-50...+90°C
Fire class of cured foam adhesive (DIN 4102-1)	B2%
Thermal conductivity (EN 12667, EN 17333-5)	0.034 W/(m·K)
Sound reduction index Rst,w (EN ISO 10140)	62 dB
Shear strength (8 mm)*	>47 kPa
Bond strength (8 mm)*	0.12 MPa
Bond strength (8 mm, at temp +5°C)*	0.10 MPa
Bond strength (8 mm, at temp -5°C)*	0.08 MPa
Average shear strength in masonry**	>0.43 MPa
Average compression strength in masonry**	>2.6 MPa

\* Tested according to EOTA TR046 - Test methods for foam adhesives for ETICS.

\*\* Tested with autoclaved aerated concrete blocks. All tested specimens broke from the block.

# Polystyrol FixFoam 877



Foam adhesive for fixing exterior and interior insulation boards

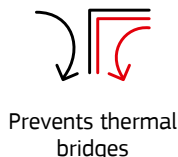
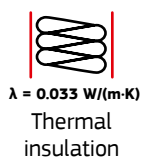
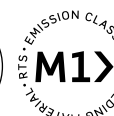


- Low curing pressure and post expansion
- All season (-5°C to +30°C)
- Thermal and sound insulation
- Strong structure
- Easy and quick to use

Fixing insulation boards on facades and foundations.

Fixing interior wall boards.

Fixing windowsills.

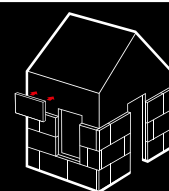


Interior &  
Exterior use

Colour



750 ml aerosol can



# Fast Foam Adhesive 888



Multipurpose foam adhesive with extra-fast and strong bond

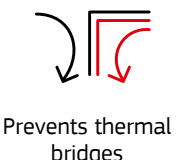
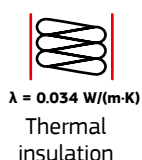


- Fast curing
- Replaces traditional adhesives
- Fast and easy to use
- Solvent-free
- Low VOC

Fixing insulation boards on facade and foundation.

Fixing interior wall boards and windowsills.

Installing plinths, profiles, insulation and decorative boards, wooden and plaster decorative elements, etc.

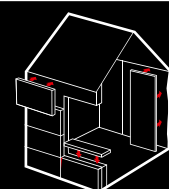


Interior &  
Exterior use

Colour



750 ml aerosol can





# Subfloor Adhesive 850



All-season adhesive gun foam for building subfloors and deckings



- Fast and easy to apply
- Strong and solid structure
- Prevents floor creaking
- Tested according to ASTM D3498
- Collapses to gel after application

Installing wooden subfloor and decking.  
Wood-to-wood horizontal assemblies.  
Reducing the impact of thermal bridges.



Withstands  
load



Mould  
resistant



Long processing  
time

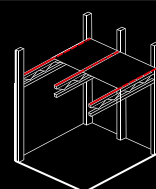


Interior &  
Exterior use

Colour



750 ml aerosol can



# StoneFix 827



Adhesive gun foam for fastening construction blocks and stones in non-load-bearing interior walls



- All season (-5°C to +30°C)
- Strong bond in just 30 min
- Non-load-bearing interior walls
- Dust free
- Fast and easy to use
- One can equals to 25 kg of mortar

Adhering construction blocks and bricks to build non-load-bearing interior walls.



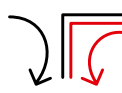
\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (plus faibles émissions) à E (plus fortes émissions).



Withstands  
load



Can be  
plastered



Prevents thermal  
bridges

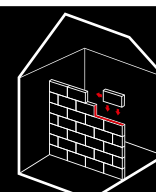


Interior &  
Exterior use

Colour



750 ml aerosol can



# Landscaping Adhesive 865



Multipurpose all-season adhesive gun foam for landscaping works

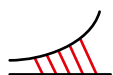


- Excellent adhesive properties
- All season use (+5°C to +30°C)
- Low curing pressure
- Ideal for securing landscaping stones
- Perfect for outdoor use

Filling narrow gaps, voids and cavities in foundations, retaining walls, crawlspaces, trees, etc.

Crafting landscapes and directing water flow in ponds and waterfalls.

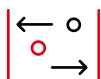
Filling plant pots to secure artificial plants.



High adhesion



Long-lasting



Low curing pressure

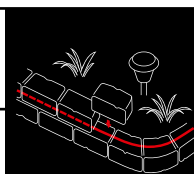


Interior & Exterior use

Colour



690 ml aerosol can



# SpeedFix Universal 907



Synthetic-rubber-based mounting adhesive for interior and exterior use



- Strong and fast bonding
- All season (-10°C to +40°C)
- Interior and exterior use
- Can be painted
- Water resistant

Installing wooden elements and construction panels.

Fastening door and floor skirting boards.

Gluings plaster decorations and wall panels.

Strengthening screw attachments and reducing the quantity of screws needed.



Fast



Withstands load



Winter use

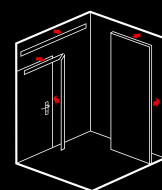


Interior & Exterior use

Colour



290 ml cartridge  
400 ml / 600 ml  
foil package



## SpeedFix Clear 909



Transparent elastic adhesive  
for mounting works



- Extra-fast and strong bonding
- Elastic and transparent structure
- UV and weather resistant
- Interior and exterior use
- Can be painted

Installing various elements such as skirting boards, panels, floor and door fillets, mouldings, strips, profiles, railings, mailboxes, signs, etc.



Fast



Weatherproof



Can be  
painted

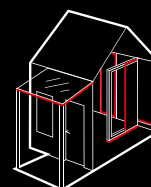


Interior &  
Exterior use

Colour



290 ml cartridge  
400 ml / 600 ml  
foil package



## Prime&Fix 900



Multipurpose sprayable adhesive  
and primer



- Adhesion promotor for window tapes
- Can be used at low temperatures (up to  $-5^{\circ}\text{C}$ )
- Interior and exterior use
- Quick and strong connection
- Multipurpose - adhesive and primer in one

Bonding a large variety of porous and non-porous materials such as wood, plastics, metals, fabrics, cardboard and paper.

Priming the surfaces prior to vapour and wind barrier tape installation.

Adhering and priming materials in furniture, automotive, packaging, etc., industries.



Fast



Sprayable



Elastic



Interior &  
Exterior use

Colour



500 ml aerosol can



# SpeedFix Seal&Bond 700



**Multipurpose elastic adhesive with high initial tack for interior and exterior use**



Elastic



Fast



Weatherproof



\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faible émission) à C (forte émission).

- Fast and strong bonding
- High movement capability ( $\pm 25\%$ )
- Sealant and adhesive in one
- High initial grab
- Non-corrosive
- Does not affect reflective layer
- Interior and exterior use
- Can be used on humid surfaces
- Does not need primers
- Excellent adhesion on many materials
- UV, weather and ageing resistant
- Non-shrinking
- Silicone, isocyanate and solvent free
- Can be painted

Interior and exterior gluing and sealing works, where a permanently elastic and strong bond is required.

Installing plinths, profiles, insulation, decorative boards, etc.

Insulating and sealing connecting joints such as floor and panel joints.

Insulating and sealing connections in motor vehicles, in audio equipment and in plumbing systems.

Strengthening screw connections.

CE F-EXT-INT-CC; 25HM

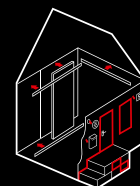


Interior & Exterior use

Colour



290 ml cartridge  
400 ml / 600 ml  
foil package



A truly versatile hybrid product: it can be used as a sealant and as an adhesive.

Forms a fast and strong bond with a wide range of materials. Suitable for metal and uneven surfaces, and for moveable joints.

#### Limitations:

Not suitable for sealing aquariums or underwater joints.

Preliminary compatibility test is recommended for natural stone surfaces.

The values specified were obtained at +23°C and 50% relative humidity, unless otherwise specified. These values may vary depending on environmental factors such as temperature, moisture and type of substrates.

#### Technical data

Properties	Value
Basis	Hybrid
Consistency	Paste
Density (DIN 53 479-B)	1.38 g/ml
Open time	4...8 min
Curing rate	2.5 mm/24 h
Application temperature	+5...+40°C
Service temperature	-40...+90°C
Movement capability (ISO 11600)	25%
Shelf life	12 months
Shore A hardness (ISO 868)	40 MPa

#### Properties of cured sealant

E-Modulus 100% (ISO 8339)	0.98 N/mm <sup>2</sup>
E-Modulus 100% (ISO 37)	2.3 N/mm <sup>2</sup>
Tensile strength (ISO 37)	2.4 N/mm <sup>2</sup>
Elongation at break (ISO 37)	560%



# Hybrid Polymer Turbo-Tack 701



Fast and strong hybrid adhesive for interior and exterior works



- Extremely high initial grab
- Can be used on humid surfaces
- UV, weather and ageing resistant
- Non-corrosive
- Impact and vibration absorbing
- Can be painted

Interior and exterior gluing works, where a permanently elastic and strong bond is required.

Installing plinths, profiles, insulation, decorative boards, etc.

Suitable for uneven surfaces.



\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présenté un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).



Withstands load



Fast



Waterproof

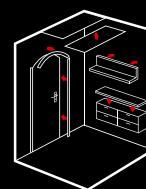


Interior & Exterior use

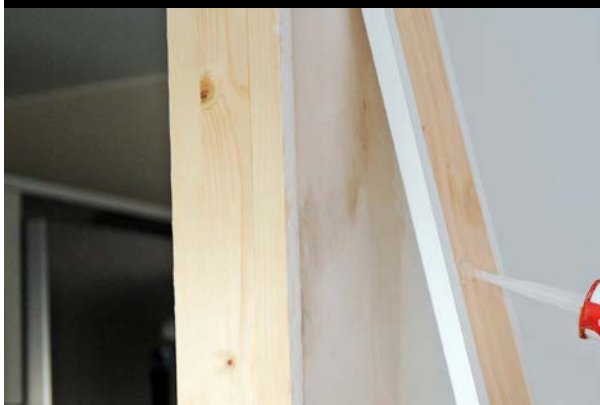
Colour



290 ml cartridge



# Seal&Fix 709



Elastic hybrid adhesive and sealant for moveable joints ( $\pm 12.5\%$ )



- Moderate movement capability ( $\pm 12.5\%$ )
- UV-, weather- and ageing resistant
- Can be used on humid surfaces
- Silicone, isocyanate and solvent free
- Non-corrosive

Installing plinths, profiles, insulation, decorative boards, etc.

Insulating and sealing connecting joints with moderate movement capability ( $\pm 12.5\%$ ), such as floor and panel joints.

Insulating and sealing connections in motor vehicles, in audio equipment and in plumbing systems.



\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présenté un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).



Elastic



Low odour



Weatherproof

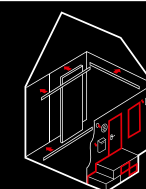


Interior & Exterior use

Colour



290 ml cartridge  
400 ml / 600 ml  
foil package



CE F-EXT-INT-CC; S

# SpeedFix High Tack 707



**Fast and strong hybrid adhesive  
for interior and exterior use**



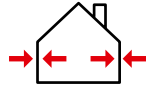
Fast



Withstands  
load



Weatherproof

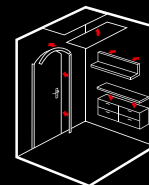


Interior &  
Exterior use

Colour



290 ml cartridge  
400 ml / 600 ml  
foil package



- Extremely high initial grab
- Fast curing
- UV, weather and ageing resistant
- Can be used on humid surfaces
- Forms a strong and elastic bond
- Excellent adhesion on a wide range of materials
- Silicone, isocyanate and solvent free
- Non-corrosive
- Impact and vibration absorbing
- Non-shrinking
- Can be painted

Interior and exterior gluing and sealing works, where an extra-fast and strong bond is required.

Fixing plinths, profiles, insulation and decorative panels, etc.

Gluing panels in caravans, motor homes, commercial vehicles.

Suitable for uneven surfaces.



\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présenté un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

Multipurpose high-quality hybrid adhesive with extremely high initial tack for interior and exterior use.

Forms an extra-fast and strong bond with a wide range of materials.

## Application:

Apply the adhesive by keeping an even pressure at the gun trigger and smoothly dragging the nozzle along the surfaces.

Immediately press the surfaces together and apply pressure until product is fully cured.

## Limitations:

Not suitable for sealing aquariums or underwater joints.

Preliminary compatibility test is recommended for natural stone surfaces.

Do not use at temperatures below +5°C.

## Technical data

Properties	Value
Basis	Hybrid
Consistency	Paste
Density (DIN 53 479-B)	1,55 g/ml
Open time	5 min
Curing rate	2...3 mm/24h
Intensity of microbiological growth (ISO 846)	0+
Application temperature	+5...+40 °C
Service temperature	-40...+90 °C
Shelf life	12 months
Shore A hardness (ISO 868)	65

## Properties of cured sealant

E-Modulus 100% (ISO 37)	2,3 N/mm <sup>2</sup>
Tensile strength (ISO 37)	3,0 N/mm <sup>2</sup>
Elongation at break (ISO 37)	200 %
Cured adhesive shear strength (WGM214)	38 kg/cm <sup>2</sup>
Cured adhesive tensile strength (WGM214)	17 kg/cm <sup>2</sup>

The values specified were obtained at +23 °C and 50% relative humidity, unless otherwise specified. These values may vary depending on environmental factors such as temperature, moisture and type of substrates.

# SpeedFix Seal&Bond 750



Elastic hybrid adhesive sealant with high tack and strong bond



Elastic



Fast



Weatherproof



- Fast and strong bonding
- High initial grab
- Does not affect reflective layer
- Adhesion with many materials
- Does not need primers

Interior and exterior gluing and sealing works.

Installing plinths, profiles, insulation, decorative panels, etc.

Suitable for movable joints and uneven surfaces.



\*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

CE F-EXT-INT

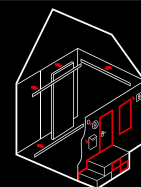


Interior & Exterior use

Colour



290 ml cartridge



# SpeedFix Seal&Bond 751



Transparent hybrid adhesive sealant with high tack and strong bond



Elastic



Low odour



Withstands load



- Crystal clear
- Fast and strong
- Non-shrinking
- Can be used on humid surfaces
- Non-corrosive

Interior and exterior gluing and sealing works, where an extra-strong and transparent bond is required.

Installing plinths, profiles, insulation and decorative boards, etc.

Gluing panels in caravans, motor homes, commercial vehicles.



\*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

CE F-INT

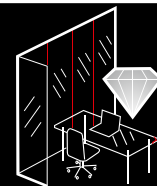


Interior & Exterior use

Colour



290 ml cartridge





# SpeedFix All Exterior 777



Weatherproof hybrid adhesive with high initial tack for exterior use



Fast



Elastic



Weatherproof



- High initial grab
- UV and weather resistant
- Withstands load
- Non-shrinking
- Non-corrosive

Fixing plinths, profiles, insulation and decorative panels, etc.

Good vibration- and noise-insulating properties.

Insulating and sealing connections in ventilation, sewage, audio equipment systems and the car industry.

Suitable for uneven surfaces.

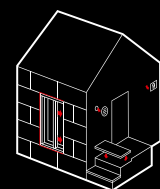


Interior &  
Exterior use

Colour



290 ml cartridge  
400 ml / 600 ml  
foil package



# EPDM Adhesive 740



Elastic rubber-based adhesive for bonding and repairing various EPDM surfaces



Elastic



Weatherproof



Can be  
painted



\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (les moins émissives) à C (fortes émissions).

- Excellent adhesion on various EPDM membranes
- Forms a strong and elastic bond
- UV- and weatherproof
- Non-shrinking
- Fast curing

Bonding EPDM membranes together vertically and horizontally.

Adhering EPDM membranes to various construction materials.

Carrying out EPDM works on roofs.

Bonding and repairing EPDM sheets in gutters, cavities, pipes and tanks.

Repairing submerged leaks and liner splits.

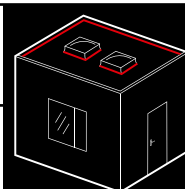


Interior &  
Exterior use

Colour



290 ml cartridge





# SpeedFix Crystal 799



- Crystal clear
- Fast and strong bond
- Non-shrinking
- Non-corrosive
- Interior and exterior use

Interior and exterior gluing and sealing works, where an extra-strong and transparent bond is required.

Installing plinths, profiles, insulation and decorative boards, etc.

Gluing panels in caravans, motor homes, commercial vehicles.

Fast and strong transparent hybrid adhesive with high tack and good elasticity for interior and exterior use



Elastic



Low odour



Withstands load

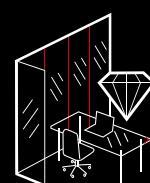


Interior & Exterior use

Colour



290 ml cartridge  
400 ml / 600 ml  
foil package



CE F-INT

# SpeedFix Mirror 736



- Fast and strong bonding
- High movement capability ( $\pm 25\%$ )
- High initial grab
- Does not affect reflective layer
- Does not need primers

Installing mirrors and stained glass on most common surfaces.

Hybrid mirror adhesive with high elasticity and strong initial grab



Fast



Withstands load



Elastic

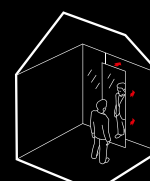


Interior & Exterior use

Colour



290 ml cartridge  
400 ml / 600 ml  
foil package



CE F-EXT-INT-CC



\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faible émission) à C (forte émission).



\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faible émission) à C (forte émission).

# Floor&Wall ParquetFix 749

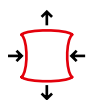


Ready-to-use elastic parquet adhesive for installing all types of parquets and wooden flooring



- Noise-reducing properties
- Suitable for underfloor heating
- No need to prime concrete surfaces
- Durable
- Withstands load

Installing massive-, mosaic-, slatted-, two- / three-layered parquets (DIN/EN 13489).  
Installing industrial parquets and wooden boarding.



Elastic



Sound insulation



Long processing time

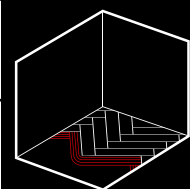


Interior use

Colour



5 kg / 15 kg bucket



# ParquetFix Easy 748

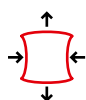


Hybrid parquet adhesive for all types of wooden flooring



- Easy to use
- Suitable for underfloor heating
- Withstands load
- Compensates wood's expansion and contraction
- Silicone, isocyanate and solvent free

Installing massive-, mosaic-, slatted-, two- / three-layered parquets (DIN/EN 13489).  
Installing industrial parquets and wooden boarding.



Elastic



Sound insulation



Long processing time

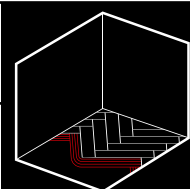


Interior use

Colour



16 kg bucket



# SpeedFix All Interior 697



Acrylic adhesive with excellent initial grab for various interior installation works



Fast



Cleanable with water



Low odour

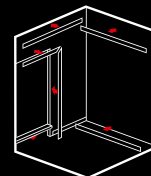


Interior use

Colour



290 ml cartridge  
400 ml / 600 ml  
foil package



- Strong initial tack
- UV and moisture proof
- Solvent free
- Can be painted
- Very good adhesion on many materials

Bonding different construction materials.  
Installing wood and plasterboard panels.  
Installing door and floor mouldings and various decorative details.

Strengthening screw attachments and reducing the quantity of screws needed.  
For quick repair jobs.



\*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

Multipurpose water-based acrylic adhesive with excellent initial grab for interior use.

It forms a long-lasting UV- and moisture-proof connection with most common building materials.

#### Limitations:

Not suitable for surfaces in constant contact with water.

Do not use at temperatures below +5°C.

Elements will have a rigid connection, not suitable for moving connections.

#### Technical data

Properties	Value
Basis	Acrylic
Consistency	Paste
Density (DIN 53 479-B)	1,3 g/ml
Open time	10 min
Curing rate	2...3 mm/24h
Application temperature	+5...+30°C
Service temperature	-30...+70°C
Shelf life	12 months
Shore A hardness (ISO 868)	70

#### Properties of cured sealant

E-Modulus 100% (ISO 37)	4,5 N/mm <sup>2</sup>
Tensile strength (ISO 37)	4,8 N/mm <sup>2</sup>
Elongation at break (ISO 37)	150%
Cured adhesive shear strenght (WGM214)	34 kg/cm <sup>2</sup>
Cured adhesive tensile strenght (WGM214)	13 kg/cm <sup>2</sup>

The values specified were obtained at +23 °C and 50% relative humidity, unless otherwise specified. These values may vary depending on environmental factors such as temperature, moisture and type of substrates.

# SpeedFix Duragrip 617



Multipurpose high tack acrylic adhesive for interior use



- Solvent free
- Strong initial tack
- Very good adhesion on many materials
- UV and moisture proof
- Practically odourless

Installing wooden and plasterboard panels.

Installing door and floor mouldings and various decorative details.

Strengthening screw connections.

For quick repair jobs.



Low odour



Can be painted



Cleanable with water

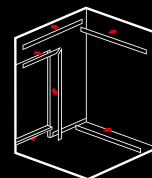


Interior use

Colour



280 ml cartridge



# StyroFix 615



Acrylic adhesive for installing interior polystyrene decorative elements and boards



- UV and moisture resistant
- Can be painted
- Excellent adhesion on many materials
- Solvent free
- Low odour

Installing polystyrene, polyurethane foam, wooden and plaster decorative elements and boards.

Gluing door and floor finishing fillets and other decorative details on various surfaces.

Installing carpentry elements.



Low odour



Can be painted



Cleanable with water

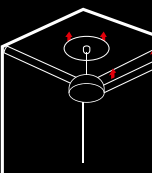


Interior use

Colour

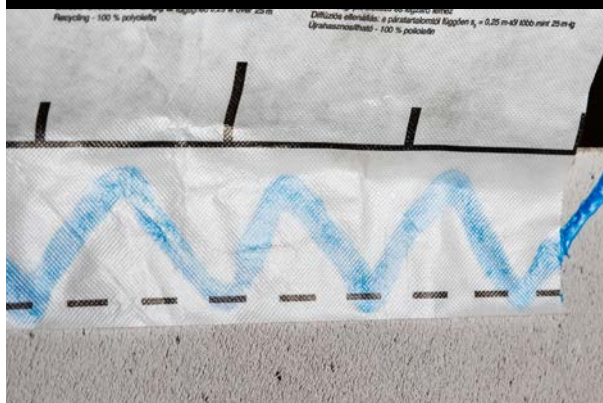


290 ml cartridge  
400 ml / 600 ml  
foil package





# MembraneFix 629



Acrylic adhesive for bonding various membranes, films, PE and PP



- Fully airtight connection
- Adheres to all vapour barrier membranes
- Permanently tacky and flexible
- Non-sagging
- Easy to use

Bonding vapour barrier membranes in the connection joints of walls and ceilings.

Bonding films and all kinds of membranes to various surfaces and to each other.

Can be used as contact adhesive.

Can be used instead of double-sided tape.



\*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).



Elastic



Low odour



Airtight

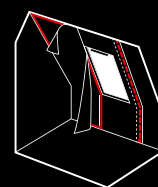


Interior use

Colour



290 ml cartridge



# Floor&Wall UniversalFix 619



Acrylic adhesive for gluing various soft floor- and wall-covering materials



- Easy to use
- Low viscosity
- Suitable for underfloor heating
- Low VOC
- Excellent adhesion on many materials

Installing various floor and wall coverings to absorbing and non-absorbing substrates.

Installing carpets.



\*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).



Elastic



Low odour



Cleanable with water

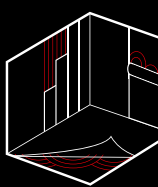


Interior use

Colour



1 kg / 3 kg /  
5 kg / 15 kg bucket



## Floor&Wall UltraFix 665



Acrylic adhesive for gluing various soft floor- and wall-covering materials



- Suitable for underfloor heating
- Low viscosity
- Low VOC
- Easy to use
- Excellent adhesion on many materials

Installing various floor and wall coverings, including carpets, to absorbing and non-absorbing substrates.



Elastic



Low odour



Cleanable with water

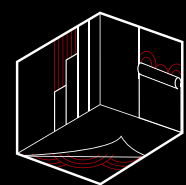


Interior use

Colour



15 kg bucket



## WoodFix PVA D3 647



Moisture-proof PVA D3 wood glue for interior and exterior use



- Interior and exterior use
- Moisture resistance class D3
- Quick and strong connection
- Semi-transparent and solid
- Very good adhesion on many materials

Connecting wooden parts in places where a moisture-proof connection is required, e.g. kitchen-, bathroom-, and outdoor furniture; window- and door frames, general carpentry works.

Installing laminate or sheet-parquet floors indoors.

Various handicraft works, e.g. gluing paper, cardboard and corrugated fibreboards, hardback books.

Gluing porcelain, leather and fabric items.



Low odour



Withstands load



Cleanable with water

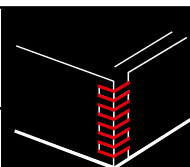


Interior & Exterior use

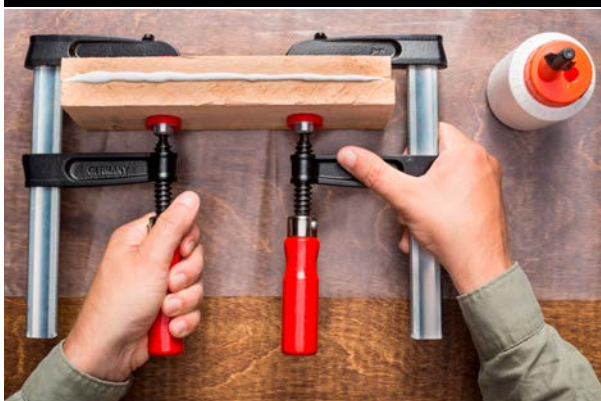
Colour



500 ml / 1 l bottle



## WoodFix PVA D2 637



PVA wood glue for interior use



Low odour



Withstands  
load



Cleanable with  
water

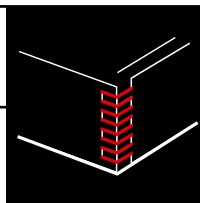


Interior use

Colour



500 g bottle  
6 kg bucket



- D2 (DIN EN 204/205) certified
- Quick and strong connection
- Semi-transparent and solid
- Suitable for the furniture industry
- Very good adhesion on many materials

Connecting wooden parts in places where short-term moisture resistance is required, e.g. furniture; window- and door frames, general carpentry works.

Installing laminate or sheet-parquet floors indoors.

Various handicraft works, e.g. gluing paper, cardboard and corrugated fibreboards, hardback books.



## Epoxy Fix&Coat 507



Extra-strong transparent two-component epoxy adhesive and coating for gluing and filling works



Fast



Withstands  
load



Can be  
sanded

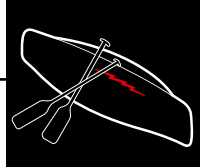


Interior &  
Exterior use

Colour



1 l metal jar



- Can be sanded and painted
- Can be used as a coating
- Weatherproof
- Solvent free
- Transparent

Gluing different hard materials, such as metals, glass, stone, ceramic, wood, hard plastics, etc.

Can be used as a protective layer or coating.

Filling cracks and restrengthening the surface by gluing glass fabric in cracks.





## EpoxyFix Aqua 510



Two-component fast-curing epoxy putty for quick repair works on damp, wet and underwater surfaces



Waterproof



Fast



Can be painted

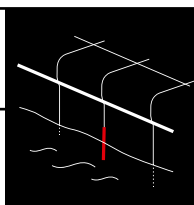


Interior &  
Exterior use

Colour



30 ml tube



- Suitable for underwater use
- Very high binding strength
- Water and chemical resistant
- Quick drying
- Excellent adhesion on many materials

Repairing and restoring tiles, fillets, knobs, etc., in swimming pools, bathrooms and shower rooms.

Repairing and sealing hulls and decks, leaking gaskets, gutters and tanks.

Modelling knobs, latches, handles, ornaments, carvings, etc.

## EpoxyFix Metal 520



Two-component fast-curing epoxy putty, reinforced with anticorrosive steel, for quick repair works on metal surfaces



Fast



Withstands  
load



Can be painted

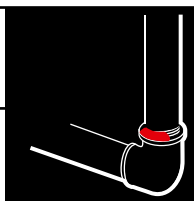


Interior &  
Exterior use

Colour



30 ml tube



- Reinforced with anticorrosive steel
- Very high binding strength
- Water and chemical resistant
- Quick drying
- Extreme temperature resistant

Restoring and repairing various metal parts.

Filling cracks and voids on metal objects.

Sealing pipe joint leaks.

Restoring uncovered nail heads, small machine parts, corroded metal, etc.

Modelling special-shape tools, handles, prototype parts, etc.



## EpoxyFix Wood 530



Two-component fast-curing epoxy putty for quick repair and reconstruction works on wooden surfaces



Fast



Can be sanded



Can be painted

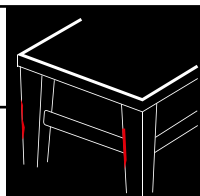


Interior & Exterior use

Colour



30 ml tube



- Very high binding strength
- Quick drying
- Non-sagging
- Water and chemical resistant
- Isocyanate and solvent free

Restoring and repairing picture frames, furniture, and door- and window frames.

Repairing old keyholes, sprigs, scratches, cracks, pest damage, nail and screw holes, table and chair legs.

Modelling knobs, latches, handles, ornaments, carvings, etc.

## EpoxyFix Plastic 540



Two-component fast-curing epoxy putty for quick repair and reconstruction works on plastic surfaces



Fast



Can be painted



Low odour



Interior & Exterior use

Colour



30 ml tube



- Very high binding strength
- Water and chemical resistant
- Extreme temperature resistant
- Isocyanate and solvent free
- Quick drying

Repairing PVC furniture, plastic car parts, plastic trays, cutters, canoes, boats, etc.

Sealing PVC and ABS plastic tubes.

Restoring worn edges and damaged parts on boats, canoes, kayaks, surfing boards, oars and paddles.

Modelling toys, knobs, latches, etc.

# Aquarium Silicone 380



Acetoxy silicone for sealing aquariums and other glass structures



- Safe for aquatic life
- Non-sagging
- Works well with fresh and salt water
- Waterproof
- Fast curing

Constructing glass aquariums, terrariums and other glass structures.

Sealing interior partition walls and bonding glass blocks.



\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).



UV proof



Elastic



Does not shrink

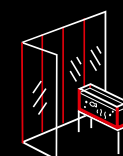


Interior use

Colour



300 ml cartridge



# SpeedFix Chemical Anchor 597



Two-component fast-curing chemical anchor with vinylester injection system



- Withstands heavy loads
- Can be used in damp and underwater conditions
- Styrene-free
- Extra durable
- Non-corrosive to metals

Universal anchoring system for threaded bolts, hooks, pipes and steel rods.

Anchoring bricks, stones, cement and concrete elements.

Repairing fissures and filling in vertical or horizontal concrete surfaces.



\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).



Withstands load



Weatherproof



Long-lasting

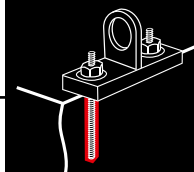


Interior & Exterior use

Colour



300 ml cartridge



## SpeedFix Cyano 007



Two-component instant glue kit, consisting of high viscosity cyanoacrylate adhesive and an activator



- Extremely high initial grab
- Fast curing
- Suitable for vertical surfaces
- Excellent adhesion on many materials
- Suitable for uneven surfaces

Bonding a very wide range of materials, including non-porous and porous surfaces.

Bonding materials where cure speed needs to be accelerated.

Adhering close-fitting parts.



Fast



Withstands load



Low odour

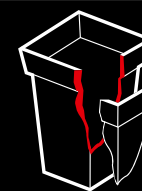


Interior & Exterior use

Colour



50 g tube  
200 ml spray bottle



## SpeedFix Cyano 626



Instant glue with extra-fast and strong bond



- Fast curing
- Extremely high initial grab
- Withstands load
- Excellent adhesion on many materials
- Suitable for vertical surfaces

Bonding a very wide range of materials, including acidic and porous surfaces.

Bonding materials where cure speed needs to be accelerated.

Adhering close-fitting parts.



Fast



Withstands load



Low odour

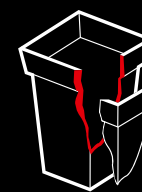


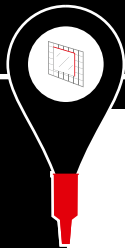
Interior & Exterior use

Colour



2 g tube  
7 g / 20 g / 50 g bottle



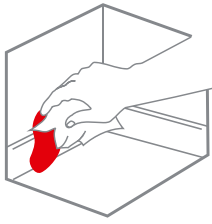


Suitable for:	SpeedFix Construction 878 / Polystyrol FixFoam 877	Fast Foam Adhesive 888	Subfloor Adhesive 850	StoneFix 827	Landscaping Adhesive 865	SpeedFix Universal 907	SpeedFix Clear 909	Prime&Fix 900	SpeedFix Seal&Bond 700 / SpeedFix High Tack 707 / Seal&Fix 709 / SpeedFix All Exterior 777	Hybrid Polymer Turbo-Tack 701	SpeedFix Seal&Bond 750	SpeedFix Seal&Bond 751	EPDM Adhesive 740	SpeedFix Crystal 799	SpeedFix Mirror 736	Floor&Wall ParquetFix 749	ParquetFix Easy 748	SpeedFix Duragrip 617
Wood	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●
MDF	●					●	●	●	●					●		●		
OSB	●		●				●	●								●		
Chipboard	●		●			●	●	●	●					●		●		
Masonry, concrete	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Ceramics		●			●	●	●	●	●			●		●	●	●	●	●
Plaster	●	●				●	●	●	●					●	●	●		
Metals, aluminium	●					●	●	●	●	●	●	●	●	●	●	●		
Glass						●	●	●	●		●	●		●	●	●		
PVC	●								●	●	●	●		●	●	●		
EPDM						●	●	●	●	●	●		●	●	●	●		
Fiberglass	●					●	●	●	●					●	●	●		
Construction panels	●	●				●	●	●	●					●	●	●	●	
Plasterboard	●	●				●	●	●	●					●	●	●	●	●
Parquet																●	●	
Window tapes						●	●	●										
Self-levelling compounds	●					●	●	●								●	●	
Thermal insulation boards	●	●														●	●	
Hard wool	●																	
Polystyrene	●																	●

Suitable for:	SpeedFix All Interior 697	StyroFix 615	MembraneFix 629	Floor&Wall UniversalFix 619	Floor&Wall UltraFix 665	WoodFix PVA D3 647 & D2 637	Epoxy Fix&Coat 507	Epoxy Fix Aqua 510	Epoxy Fix Metal 520	Epoxy Fix Wood 530	Epoxy Fix Plastic 540	Aquarium Silicone 380	SpeedFix Chemical Anchor 597	SpeedFix Cyano 007 & 626
Wood	●	●	●	●	●	●	●	●		●			●	●
MDF, chipboard	●	●	●	●	●	●	●							●
Concrete, masonry	●	●	●	●	●		●						●	●
Ceramics	●	●	●				●	●				●		●
Plaster	●	●	●	●	●		●							●
Metals	●	●	●				●	●	●				●	●
Aluminium	●	●	●				●							●
Glass			●				●					●		●
PVC	●	●	●	●	●		●				●	●		●
EPDM, PE			●											
Fiberglass			●				●	●						
Construction panels	●	●	●	●	●									
Plasterboard	●	●	●	●	●									
Soft floor cover				●	●	●								
Self-levelling compounds			●	●	●									
Vapour barriers, window tapes			●											
Thermal insulation boards, hard wool			●											
Polystyrene	●	●	●											

For the latest information, please visit Penosil website: [Penosil.com](http://Penosil.com)





# Cleaning Category



## Clean and flawless surfaces and tools

Under the **Cleaning category**, we have combined all the products that make cleaning hands, tools and surfaces quick and easy.

Cleaning the tools after the work has finished is essential to guarantee their correct functioning for many years.

Penosil **Cleaning category** products help to achieve a flawless finish every time.

### Solvent based cleaners

#### Foam Cleaner 929 119

- Cleaning uncured PU foam
- Sprayable

#### Foam Remover 995 119

- Removing cured PU foam
- For tools and surfaces

#### Cleaning Wipes 941 120

- Multipurpose cleaning wipes
- For hands, tools, clothes and surfaces

### Water based cleaners

#### Sealant Finisher 407 120

- Sealant smoothing spray
- With pH 7

# Foam Cleaner

## 929








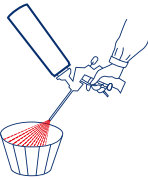

- Instant results
- 2-in-1: use with foam gun or spray nozzle
- Efficient cleaning
- Easy and fast to use
- Sprayable

Cleaning inside and outside of foam gun after finishing work.

Cleaning clothes and tools of uncured construction foam.

Cleaning window frames, windowsills, doors, jambs, etc. of uncured construction foam during working.

Cleaner for removing uncured PU foam from tools and surfaces

				<p>Colour</p> 	
Easy to clean	Sprayable	Fast	Interior & Exterior use	500 ml aerosol can	

# Foam Remover

## 995






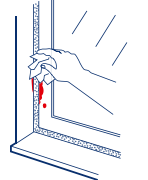



- Softens cured PU foam
- Efficient cleaning
- Easy to use
- For tools and surfaces
- Dissolves different surface treatments

Cleaning tools and surfaces (e.g., window frames, doors, etc.) of cured construction foam.

Dissolving and cleaning different surface treatments (e.g., paints, lacquers).

Cured PU foam cleaner for tools and surfaces

				<p>Colour</p> 	
Easy to clean	Fast	Sprayable	Interior & Exterior use	320 ml aerosol can	

# Cleaning Wipes

## 941



- Quick and efficient
- For hands, tools, clothes and surfaces
- Removes construction chemistry
- Refreshes old painted surfaces and joints
- Safe for skin

Removing uncured polyurethane foam, silicone, paint, adhesive, oil, grease and other substances from hands, tools and surfaces.

Refreshing and cleaning old painted surfaces and sealed joints.

Multipurpose industrial cleaning wipes for cleaning hands, tools, clothes and surfaces

				Colour	
Easy to clean	Fast	Low odour	Interior & Exterior use	50 wipes canister	

# Sealant Finisher

## 407



- Biodegradable
- With pH 7
- Smooth seal and clean edges
- Sprayable, easy to use
- Accelerates skin formation

Finishing various sealant joints (e.g., silicone, acrylic, polyurethane and MS polymer sealant).

Suitable for sanitary, general construction, carpentry, glazing, etc. applications.

Helps to achieve a completely bacteria-free, water-tight, smooth and professional finish.

Accelerates sealant's skin formation.

Sealant smoothing spray for flawless sealant finishing bead

				Colour	
Low VOC	Low odour	Mould resistant	Interior & Exterior use	500 ml / 1 l / 5 l bottle	







## Environmentally conscious building processes

Penosil's **Sustainable Construction category** offers a full range of innovative and sustainable construction products for sealing, bonding and filling works. The products in this category are created for people who embrace sustainable practices and want to minimise the environmental impact of their construction processes.

**Sustainable Construction category** products have excellent product features, but on top of that, they are also unique. They are mainly made from sustainable (renewable, recycled) raw materials and only produced using green energy. Moreover, the packaging is also sustainable; our plastic packaging is made of post-consumer recycled plastics, and the metal cans have been produced with three times lower CO2 emissions than usual.

Using the products from our **Sustainable Construction category** contributes towards a more sustainable future and minimises your ecological footprint.

### PU foams

**ECO Filling Foam 210** 123

- Various filling and sealing works
- Biobased components: 50%

### Acrylic sealants

**ECO Elastic Acrylic 622** 123

- Filling crack and joints with moderate movement capability
- Biobased components: 81%

### Acrylic adhesives

**ECO Mounting Adhesive 677** 124

- Interior decoration and finishing works
- Biobased components: 71%



## ECO Filling Foam 210

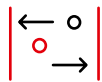


Multipurpose foam for filling and sealing works



- Good filling properties
- Non-shrinking
- Low curing pressure
- Strong and solid structure
- Biobased or materials produced with lower ecological footprint: 50% of the components
- Recycled plastic in packaging: >80%
- Bluemint steel foam can: 67% less CO2 emissions

Filling holes and gaps.  
Insulating penetrations.  
Sealing window and door joints.  
Enhancing thermal and sound insulation.  
Reducing the impact of thermal bridges.



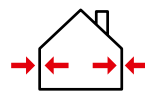
Low curing pressure



$\lambda = 0.033 \text{ W/(m·K)}$   
Thermal insulation



62 dB  
Sound insulation

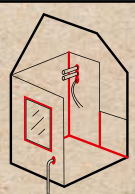


Interior & Exterior use

Colour



600 ml aerosol can



## ECO Elastic Acrylic 622



Elastic paintable siliconized acrylic



- Good movement capability
- Bright white, extra-smooth surface
- Low VOC, safe to use
- Can be painted
- Biobased or materials produced with lower ecological footprint: 81% of the components
- Recycled plastic in packaging: >70%

Filling crack and joints with moderate movement capability ( $\pm 12.5\%$ ).  
Excellent for works where regular acrylics may fail.  
Filling connecting joints between window and door frames, walls and ceilings.



Elastic



Low odour



Can be painted

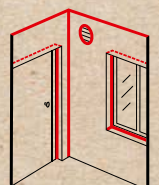


Interior & Exterior use

Colour



300 ml cartridge



CE F-INT-EXT-CC:12,5E

# ECO Mounting Adhesive 677



**Multipurpose adhesive for interior gluing works**



- Solvent free
- Strong initial tack
- UV and moisture proof
- Can be painted
- Biobased or materials produced with lower ecological footprint: 71% of the components
- Recycled plastic in packaging: >70%

Installing wooden and plasterboard panels.

Strengthening screw attachments and reducing the quantity of screws needed.

Installing door and floor mouldings and various decorative details.

For quick repair jobs.



\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faible émission) à C (forte émission).



Cleanable with water



Fast



Low odour

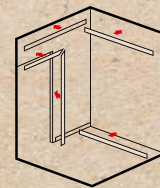


Interior use

Colour



290 ml cartridge  
400 ml / 600 ml  
foil package



Multipurpose acrylic adhesive based on recycled and bio-based materials for interior use.

It forms a strong and long-lasting UV and moisture-proof connection with most common building materials.

During the curing process, provide support until product is fully cured.

#### Limitations:

Elements will have a rigid connection, not suitable for moving connections.

Not suitable for surfaces in constant contact with water.

#### Technical data

Properties	Value
Basis	Acrylic
Consistency	Paste
Density (DIN 53 479-B)	1.4 g/ml
Open time	10 min
Curing rate	2...3 mm/24 h
Application temperature	+5...+30°C
Service temperature	-30...+70°C
Shore A hardness (ISO 868)	70
<b>Properties of cured sealant</b>	
Cured adhesive shear strength (WGM214)	37 kg/cm <sup>2</sup>
Cured adhesive tensile strength (WGM214)	10 kg/cm <sup>2</sup>





Suitable for:	ECO Filling Foam 210	ECO Elastic Acrylic 622	ECO Mounting Adhesive 677
Plasterboard	●	●	●
Concrete	●	●	●
Stone	●	●	●
Ceramics		●	●
Wood	●	●	●
Masonry	●	●	●
Glass		●	
Treated metals	●	●	
PVC	●	●	
EPS	●		●
Paper			●
Cardboard			●

For the latest information, please visit Penosil website: [Penosil.com](https://www.penosil.com)

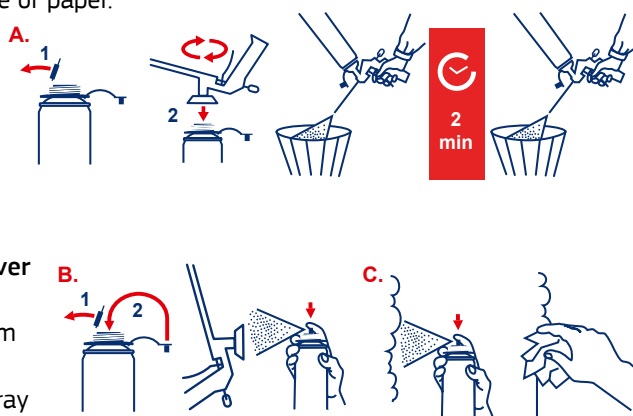
## PU FOAMS: Tips and tricks

### Best results:

- Make sure the working area is clean from dust, loose particles and oil stains.
- Most PU foams need humidity to expand and cure. Spray some water mist on the surfaces to help the foam expand and cure faster.
- **Careful!** You want to dampen the surface, do not wet it or the foam will not stick to the surface.
- Wipe the surface with cloth if it's too wet.
- You can also mist the foam afterwards to maximise expansion and speed up the curing process.
- In the case of larger joints, apply the foam in several layers and moisten slightly between each layer.
- Check the foam expand percentage on the foam can's label. Do not overfill the joints.
- Excess foam can be cut after it has fully cured.
- Cured foam needs to be covered with an opaque material to protect against UV rays.
- Do not cut or cover the foam before it has fully cured.

### Cleaning:

- Foam is quite sticky. Protect the adjacent surfaces with tape or paper.
- Lay down cardboard or paper to protect the floor.
- Have a box or piece of cardboard ready to set down the used foam can on (it can drip).
- Uncured foam on tools and surfaces can be cleaned with **Penosil Foam Cleaner 929** or acetone.
- Uncured foam on the hands and clothes can be cleaned with **Penosil Cleaning Wipes 941**.
- Cured foam can first be softened with **Penosil Foam Remover 995** and then scraped with a tool.
- Clean the foam gun straight away after finishing. If the foam cures inside the gun, the gun will be ruined.
- Screw the **Penosil Foam Cleaner 929** onto the gun and spray until the liquid comes out clean.
- Cured foam clogs the applicator tip, clean the applicator tip after every use.
- Always use protective glasses and gloves when working with foam.

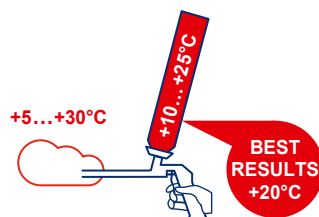


### How to use:

- Shake the can at least 20 times.
- Hold the foam can in an upright position with the valve up.



- **Gun:** Screw the can onto the gun.



- **Straw:** Screw the straw applicator tightly onto the can valve.
- Hold the can upside down when extruding the foam.
- Foam output can be adjusted with the gun trigger and adjustment screw.
- Extrude some of the initial foam (1-2 sec) to a binbag to get rid of air bubbles.

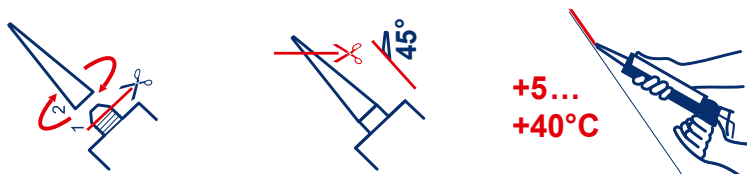


## SEALANTS: Tips and tricks

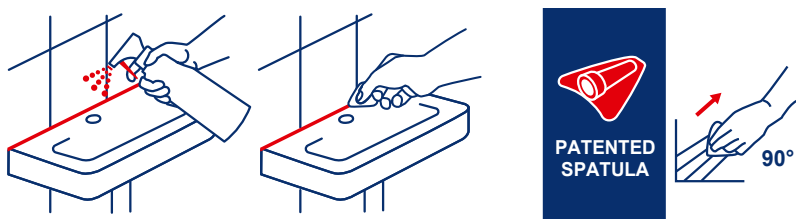
### Best results:

- Make sure surfaces are clean, dry and free from any dust, loose particles and oil stains.
- Use a vacuum cleaner to clean the deeper joints.
- Cover the adjacent surfaces with masking tape to ensure crisp and clean joint edges.
- During the curing process, make sure that sealed surfaces stay clean and are not under mechanical stress.
- For best finishing, use an appropriate smoothing tool.

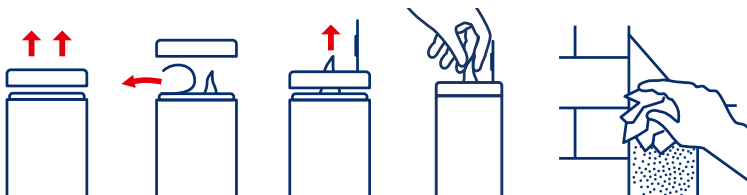
### How to use:



- Cut the tip of the cartridge.
- Screw on the nozzle and cut an opening at a 45° angle which is slightly larger than the joint to be sealed.
- Place the cartridge into a sealant gun.
- Apply the sealant by keeping an even pressure at the gun trigger and smoothly dragging the nozzle along the joint.
- Spray some **Sealant Finisher 407** on the sealant, remove the excess sealant and smooth the surface with a spatula.



- Remove the tape immediately after application and clean the adjacent surfaces, tools and hands with water or **Penosil Cleaning Wipes 941**.





## ADHESIVE SEALANTS: Tips and tricks

### Best results:

- Make sure surfaces are clean, dry and free from any dust, loose particles, water, grease and oil stains.
- Non-porous surfaces should be cleaned with solvent and a clean, non-fluffy cotton cloth. Excess solvent should be removed with a clean cloth.
- Solvent and acrylic adhesives: make sure that solvent and water can evaporate and exit the joint during the curing process.
- Hybrid adhesives: make sure that air humidity can access the adhesive joint during the curing process.
- Ensure sufficient ventilation in the working area.
- Non-porous surfaces: when bonding together two non-porous surfaces, it is important to ensure sufficient spacing between the surfaces, e.g. by using a match or a toothpick. Air humidity helps the curing process.
- The adhesive pattern should be thin, so that when the surfaces are pressed together, the width of the adhesive pattern does not exceed 3 to 4 mm.

### Which glue patterns to use:



- **In exterior conditions:** the adhesive should be applied either in a vertical or dotted pattern to allow the occasional water to flow out of the adhesive joint.
- **Hybrid adhesives:** a dotted or zigzag pattern should be used when applying hybrid adhesives.



These patterns reduce adhesive consumption and avoid it being squeezed out of the joint.

- When installing skirting board in the corners use a straight-line pattern.



- **Acrylic adhesives:** same as for hybrid adhesives, a dotted or zigzag pattern should be used.



### How to use:

- Cut the tip of the cartridge.
- Screw on the nozzle and cut an opening.
- Place the cartridge into a sealant gun.
- Apply the adhesive by keeping an even pressure on the gun trigger and smoothly dragging the nozzle along the surface.
- Immediately press the surfaces together and apply pressure or support until the product is fully cured.
- Clean the adjacent surfaces, tools and hands either with water, solvent or **Penosil Cleaning Wipes 941**.



Penosil is the flagship brand of Wolf Group



## GLOBAL EXPERT

*Sealing. Bonding. Filling*

Wolf Group is a leading European manufacturer and distributor of construction chemistry products and systems.

## GLOBAL PRESENCE

70+ export markets		4 factories IN EUROPE		1 headquarters IN ESTONIA		14 sales organisations IN THE EU, UKRAINE, UK & USA
2 R&D Centres IN ESTONIA & SPAIN		~400 employees		16 nationalities		7 green goals

## OUR MISSION

Wolf Group is committed to improving people's quality of life by providing safe, energy-efficient and environmentally friendly construction solutions.

*We save  
energy* /

# PENOSIL

*We save energy /*



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