

## PU Sealing Compound 382

Single-component, coating-compatible, rot-resistant, for exterior use, with PU Sealing Compound Primer 379



### Field of Application

For elastic sealing of movement, separation and connection joints, for example on substrates made of concrete, aerated concrete, masonry, etc., also on some metals and plastics. Especially suited for the sealing of expansion joints in building construction in accordance. Can also be used for bonding Drip Edge Profiles 1595 and Cove-shaped Profile 1593. Not suitable for sealing glass on windows. Not for interior use or for use on marble and natural stone.

### Properties

- Single-component
- Coating-compatible
- Rot-resistant
- For exterior use
- Soft and elastic after having cured.
- Joint sealant in accordance with DIN EN 15651-1 type F EXT-INT CC 25LM
- Reaction to fire corresponds to building materials category B2
- Can be used without primer, e.g. for ceramics, anodized aluminum and glass.

### Material description

<b>Standard color shades</b>	White, gray
<b>Base material</b>	Polyurethane that cures with humidity, single-component
<b>Density</b>	approx. 1.0 g/cm <sup>3</sup>
<b>Permissible total deformation</b>	max. 25%, with respect to the initial width of the joint
<b>Temperature resistance</b>	approx. -40 °C to +80 °C
<b>Packaging</b>	- 310 ml cartridge - 600 ml tube

## Use

### Applying sealing compound

Wear safety goggles and protective gloves. Cut open the cartridge at the threaded top and screw on the nozzle. Cut the nozzle tip at an angle depending on the joint width, and insert the cartridge into the gun. When working with tubular bags, cut open the bag at one end and insert into the gun. Cut the nozzle tip accordingly. Cover joint edges with masking tape, if necessary.

Apply the material to the joints with Pressure Gun 1374 using firm and even pressure. Opened cartridges should be used immediately. Before film formation begins, smooth the surface with a moistened tool and remove any masking tape. Use water mixed with a commercial surfactant as smoothing solution. Add as little surfactant as possible in order to avoid discoloration of the sealing compound and the adjacent substrate. We recommend smoothing the joints with smoothing tools. Remove unwanted compound with Special Synthetic Resin Thinner 915 while the compound is still fresh.

### Compatibility

Never coat elastic sealants. If required in individual cases, perform a test to preclude interactions with the coating material. Note BFS Leaflet no. 23, Section 3.3.1.2, and IVD Leaflet no. 12 entitled "coating ability of sealants to compensate for movement in building construction".

### Consumption

The consumption can be determined based on joint width x joint depth x joint length.  
For a joint cross-section of 15 x 10 mm, the 310 ml cartridge is sufficient for approx. 2.06 m, the 600 ml bag for approx. 4.00 m.  
Determine exact consumption by means of a test application on the object to be coated.

### Application temperature

Do not apply below +5 °C and only up to max. +40 °C air and object temperature. temperature must remain within the application temperature range for up to 8 hours after application.

### Tool cleaning

After use, immediately clean with Special Synthetic Resin Thinner 915. Once it has set, PU Sealing Compound 382 can only be removed mechanically.

## Drying (+20 °C, 65 % relative humidity)

Curing approx. 2 mm per day, depending on temperature and humidity.

## Storage

Store in a cool, dry and frost-free place between +5 °C and +25 °C. Can be stored for approx. 12 months in unopened container.

## Declaration

### Product code

Not assigned.  
Comply with the specifications in the current Safety Data Sheet.

**Substrate preparation**

The joint should generally be implemented in accordance with the instructions in the BFS Leaflet No. 23. Avoid triangular joints and bonding on three sides. Joint Gap Filling Cord 387 prevents the Sealing Compound from bonding to the base of the joint. Lay the cord into the joint while avoiding any mechanical damage to the cord so that no bubbles form in the sealing compound (as a result of outgassing from the damaged cord). Pre-filling materials must be compatible with the sealant. Products containing, e.g., tar, bitumen or oil are unsuitable. Cover joint edges with masking tape, if necessary.

The bonding surfaces must be solid, dry, clean, load-bearing, and free of separating agents. They must not contain any bitumen or tar. Completely remove non-bearing coatings. Test the adhesion and compatibility with plastics, paints and coatings on the specific structure. Use PU Sealing Compound Primer 379 for improved adhesion and to seal pores on absorptive substrates. Also see VOB Part C, DIN 18363, Section 3.

**Filling joints**

Apply PU Sealing Compound 382 to the prepared joint and smooth out.

**Joint dimensioning according to BFS Leaflet 23**

Joint spacing		Joint width	Thickness of the joint sealing compound	
		Minimum dimension $b_{min}$	$d$	Dimension tolerance
m		mm	mm	mm
	up to 2	10	8	$\pm 2$
over 2	up to 3.5	15	10	$\pm 2$
over 3.5	up to 5	20	12	$\pm 2$
over 5	up to 6.5	25	15	$\pm 3$
over 6.5	up to 8	30	15	$\pm 3$

**Notes****Curing conditions**

Bubbles may form if the curing conditions are unfavorable (e.g. moisture and heat), as well as on porous and/or damp substrates and damaged Joint Gap Filling Cord 387. If necessary, tests to verify this beforehand.

**Formation of bubbles and discoloration**

Complaints relating to a formation of bubbles or discoloration based on aforementioned characteristics will not be accepted.

**Further information**

Follow the instructions on the data sheets of the products used.



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Typ F EXT-INT CC 25LM

Joint sealant for facades that is suitable for cold  
climate zones

Reaction to fire	Class E
Vertical stability	< 3 mm
Volume loss	< 10 %
Tensile behavior at -30 °C	< 0,9 MPa
Tensile behavior under prestress at -30 °C	passed (NF)
Durability	passed
Tensile behavior under prestress after immersion in water	passed (NF)

## Remark

This Data Sheet is based on extensive development work and years of practical experience. The translation corresponds to the current German version, in compliance with the German laws, regulations, standards and guidelines. Its content does not constitute a contractual legal relationship. The user/buyer is not released from the responsibility of checking our products to ensure they are suitable for the intended application. In addition, our general terms of business apply.

When a new version of this Data Sheet with updated information is published, the previous version no longer applies. The current version is available on our website.

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