

Technical Data Sheet

Spenglermasse

Version 07/2021

Product Description

Physically drying, solvent-containing one-component sealant based on synthetic rubber. Cures by drying.

Product Properties

- elastic
- plastoelastic
- stable
- paintable
- ready-to-use
- not corrosive to metals
- copper and bitumen compatible
- weather resistant
- resistant to aging
- UV resistant
- suitable for indoor and outdoor use
- can be processed on moist substrates
- silicone-free

Areas of Application

outdoors, facade construction, sheet metal masking, connection joints for roof windows, joints in the roof area, air conditioning and ventilation systems

Form of Delivery

Cartridge: 300 ml
Packing unit: 20 cartridges per box



Substrates

Suitable substrates:

plaster, concrete, aerated concrete, masonry, clinker, wood, aluminum, corrosion-protected metals, copper, zinc, iron, steel, brass, zinc sheet, ceramics, tiles, glass

Conditionally suitable substrates:

paintings/powder coatings: primer may be necessary, due to the large differences in possible painting and powder coating types a suitability test has to be performed by the user

Unsuitable substrates:

EPDM, PIB, PTFE, PP, PE, gypsum, mirror backside, lead

Instructions for Use

The adhesive surfaces must be clean, dry, free from release agents and firm. Dust, grease, oil and loose parts must be removed before processing. The substrate may be moist but must not be wet. We advise to carry out a suitability test for the large number of substrates, building materials and/or coatings used today, especially for plastics, paintings and powder coatings.

The use of a PE round cord as a joint backfill material is recommended to avoid three-point-adhesion. Before beginning, the joint edges should be taped with suitable adhesive tape. Cut off the cartridge nipple with a sharp knife. Screw the nozzle onto the cartridge and cut it to the desired width. Insert the cartridge into the ejector gun and eject the sealing compound evenly and without any cavities. Then remove the adhesive tape and any sealant residues before curing.

It is necessary to check whether a coating, which is applied on the joint afterwards, is elastic enough to allow permanent joint movement. It is also necessary to check the compatibility of the sealant and the paint beforehand. Some paints can cause color changes of the mass and affect the adhesion.

When handling large quantities in enclosed spaces, fresh air must be provided during the curing time. During longer storage under water, the mass may turn yellow. However, this does not affect the quality of the material. The sealant is odorless after curing.

Store cartridges cool and dry. Higher temperatures shorten shelf life.

Technical Data

Characteristics	Standard	Value
Density	EN 1183-1	approx. 0,93 g/cm ³
Shore A hardness	EN ISO 868	approx. 25
Curing (normal climate 23/50, depending on substrate)		several mm/day
Stability	EN 7390 (no sagging in the joint)	≤ 3 mm
Temperature resistance (cured mass)		-25 to +80 °C
Processing temperature		+5 to +40 °C
Shelf life cartridge (dry, at +5 to +25 °C, not above 60 °C)		24 months

Safety Instructions

Please refer to our safety data sheet and the product label for further information on product safety and handling.

Current safety data sheets and further information on our products can be found at www.insebo.com.

Service

Upon request, our trained sales representatives are always at your disposal.

Disposal

For disposal instructions please refer to our safety data sheet and product label.

Additional Information

This technical data sheet advises without obligation and guarantee. The mentioned processing instructions have to be adapted to the prevailing conditions. The user is obliged to check the suitability and application by own experiments in order to avoid failures.

All given descriptions, data, ratios, weights, etc. can change without notice and do not represent contractually agreed properties of the product. Existing laws, standards and regulations are to be observed by the recipient of our products in their own responsibility.

Due to environmental influences, such as chemical stress, vapors, UV exposure or high temperatures, color changes can occur. However, other product properties are not affected by these changes.

Due to the large number of possible influences during processing and application, a guarantee of certain properties or suitability for a specific application can not be made, own tests are necessary.

The right to make technical changes is reserved.