

Technical Data Sheet

Spiegel-Silikonkleber

Version 07/2021

Product Description

Elastic, neutral crosslinking, solvent-free one-component silicone sealant. Reacts with moisture. MEKO-free neutral system.

Product Properties

- no marginal zone discoloration on natural and artificial rocks due to a special formula
- elastic
- permanently elastic
- stable
- waterproof
- ready-to-use
- not corrosive to metals
- weather resistant
- resistant to aging
- UV resistant
- color stability
- suitable for wet areas
- suitable for indoor and outdoor use
- gluing and sealing with the same product
- sticks on standard mirrors
- no primer required on the mirror
- compensates stresses in the mirror
- mirror remains adjustable for a few minutes
- solvent-free
- phthalate-free
- halogen-free



Areas of Application

Adhesion of mirrors with suitable mirror coating.

Form of Delivery

Cartridge	300 ml
Packing unit	20 cartridges per box

Substrates

Suitable substrates:

concrete, aerated concrete, masonry, brick, clinker, fiber cement, wood, wood chipboard, lacquered, glazed or impregnated wood, wood fiber boards, aluminum, corrosion-protected metals, copper, zinc, iron, steel, brass, zinc sheet, ceramics, tiles, enamel, glass, many plastics, hard PVC

Unsuitable substrates:

tar, bitumen-containing substrates, EPDM, PIB, PTFE, PP, PE, gypsum, 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. Generally non-absorbent, closed-pore substrates should be pretreated with GRUNDIERUNG GP and absorbent, open-pore substrates with GRUNDIERUNG OP in order to achieve a best possible adhesion. Allow the primer to evaporate well.

Just prime the substrate, not the mirror. 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.

Apply adhesive beads vertically to ensure adequate rear ventilation. Do not make full-surface or circular bonding. During curing (approx. 1-2 days), you have to fix the mirror using blocks, adhesive tapes or similar. The processing instructions of the mirror manufacturer as well as ÖNORM EN 1036 - Annex B strictly have to be observed. The technical guidelines for the glazing craft No. 11, the assembly of mirrors in the current version apply. 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.

When handling large quantities in enclosed spaces, fresh air must be provided during the curing time. 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	1,1 ± 0,1 g/cm ³
Shore A hardness	EN ISO 868	ca. 30
Skin formation time (normal climate 23/50)		ca. 12 min
Curing (normal climate 23/50, depending on substrate)		ca. 2 mm after 24 h
Volume loss	EN 10563	< 5 %
Temperature resistance (cured mass)		-20 to +180 °C
Processing temperature		+5 to +40 °C
Shelf life cartridge (dry, at +5 to +25 °C)		15 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.