

490 Glasleistenfüller

Neutral cure silicone



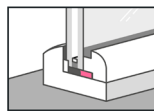
Technical data sheet

Version: 09-2025



Tests:

- Emissioncode EC1 "very low emissions"
- Fulfills the French VOC requirement Class A+



Vapor-diffusion-retarding



Low adhesion for easy removal



Condensation-resistant

1. Technical data

Basis	Neutral cure alkoxy silicone sealant
Density	~ 1,03 (EN ISO 1183-1)
Non-sag property	< 3 mm
Resistance to high and low temperatures	-40°C to +150°C (long-term exposure)
Application temperature (substrate, environment)	Lower +5°C, upper +35°C
Colours	light pink
Packaging	310 ml cartridge; 400 & 600 ml foil bag
Shelf life of cartridges and foil bags	8 months in original packaging in cool and dry storage conditions

2. Properties / applications

490 Glasleistenfüller cures when exposed to atmospheric moisture, splitting off alcohol to form a malleable dry mass that has no elastic properties. This malleable silicone matrix does not have any inherent adhesion to substrates and can therefore be easily scraped off them. The hydrophobic property of the silicone matrix prevents water penetration via the paste. 490 Glasleistenfüller is suitable for sealing or backfilling sash window frames and glass retaining strips to improve tightness. The sealant cures to low adhesion so that the glazing beads can be easily removed for maintenance work. Compatibility with many edge seal materials is ensured.

3. Substrate pre-treatment

The adhesion surfaces must be dry, capable of bearing, and free of dust, oil and grease. Pre-cleaning with 828 Grundreiniger is generally recommended for non-absorbent substrates; however, for sensitive surfaces, compatibility should be verified beforehand to avoid surface damage. If necessary, carefully pretreat the bonding surfaces with a suitable primer. Lightly sanding smooth surfaces with a fine abrasive pad can further improve adhesion. Due to the wide variety of coating systems available, an adhesion test is recommended prior to application on painted surfaces.

4. Application notes/restrictions

- Due to its highly specific properties, the 490 Glasleistenfüller must be used exclusively for its intended application. It is not suitable for joint sealing, glazing, or bonding!

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5. Processing

General instructions: The expiry date of the material must be observed, otherwise the properties of the product can no longer be guaranteed. If the products are stored and/or transported over a longer period of time at higher temperatures/humidity, the shelf life may be reduced or the material properties may change. Strong environmental influences (e.g. high temperature, UV exposure, chemical influences such as vapours) can affect the properties of the material to varying degrees. Before applying, the user must ascertain that the building materials (solid, liquid or in gaseous form) are compatible with the sealant in the contact area. Pay attention to the ambient and substrate temperature during application because as excessively high or low temperatures can lead to changes in properties. Due to the large number of possible influences during processing, it is always advisable for the processor to carry out a test processing before use. Good ventilation must be ensured during processing and curing.

Pre-treatment of the adhesion surfaces: The substrate must be pretreated in accordance with the instructions in section 3 of this technical data sheet.

Application of the sealant: The product must be applied uniformly to the joint avoiding inclusions. If the substrate is pretreated with primer, its flash-off time must be observed.

Post-treatment: Excess material can be easily removed mechanically, as no significant adhesion develops.

6. Maintenance and care

not applicable

7. Meets the requirements of IVD instruction sheet

not applicable

8. Safety instructions

Please refer to the current EC safety data sheets. Data sheets are available at any time from our website at www.ramsauer.eu.

9. Liability for defects

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