

PERESEAL 802 GLASS AND METAL SILICONE SEALANT

Technical Data Sheet

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Technical Data

Curing system	Acetoxo
Appearance	Non-sagging paste
Odour	Vinegar smell
Specific gravity	1.02 ± 0.02
Shore A hardness	24–30
Elongation	Approx. 400%
Tensile strength	1.0 ± 0.1 MPa
Tack-free time	15 minutes
Application temperature	–20°C to +50°C
Service temperature	–50°C to +150°C
Shelf life	12 months

Product

PERESEAL® 802 is a one-part, 100% acetoxo silicone sealant offering excellent adhesion, weatherability and elasticity for general glazing and sealing applications.

Features

- Certified to ASTM C920, Class 25
- Joint movement capability up to ±25%
- Acetic-acid curing system
- Outstanding durability
- One part; no mixing
- Permanently flexible
- Excellent gunnability from –20°C to +50°C
- Weatherproof
- Low shrinkage
- Non-sagging
- Primerless adhesion to most materials
- UV resistant

Uses

- General glazing of glass, plastic and channels
- Curtain-wall sealing of glass, metal, granite and plastic
- General sealing of sheet metal, skylights, ventilators and air-conditioning components
- Glass sealing and adhesion for aquariums

Preliminary compatibility tests are recommended before application.

The information in this document is based on current product data and is provided in good faith. Because materials, substrates and applications vary beyond our control, users should carry out preliminary compatibility tests. No warranty is expressed or implied.

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PERESEAL 802 GLASS AND METAL SILICONE SEALANT
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Not recommended for

- Acetic-acid cure may corrode susceptible base materials.
- Not for traffic areas or areas subject to abrasion.
- Not for structural glazing.
- Not for marble, quartzite or natural stone.

Curing time

Tack-free in approximately 15 minutes and cures to a depth of about 10 mm in 7 days. Dry or low-humidity conditions may require longer.

Storage

Store in a dry, cool place between +5°C and +30°C. Shelf life is 12 months in unopened packaging.

Caution

Read and understand the Safety Data Sheet before handling or use.

Joint design

Size the sealant bead for anticipated joint movement. Maximum $\pm 25\%$ compression and extension capability. Minimum bead size: 3 mm $\times$ 3 mm. Maximum joint size: 30 mm. Typical depth $\times$ width combinations: 6 mm $\times$ 6 mm, 8 mm $\times$ 12 mm and 10 mm $\times$ 20 mm.

Application

- Ensure surfaces are clean and dry.
- Mask smooth surfaces where needed for easier clean-up.
- Use an approved backing material in the joint where required.
- Cut the nozzle to the desired size.
- Insert the cartridge into the caulking gun.
- Push the sealant ahead of the nozzle to form a uniform bead.
- Tool within 5 minutes.
- Remove excess uncured sealant with MEK or toluene, observing the solvent manufacturer's safety instructions.

Technical note

Technical values shown are typical values for the current formulation and are provided in good faith. They are not intended for use as product specifications.

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