

PERESEAL N NEUTRAL SEAL SILICONE SEALANT – BLACK, WHITE & GREY

Technical Data Sheet

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Technical Data

Curing system	Neutral (oxime)
Appearance	Non-sagging paste
Odour	Low oxime smell
Specific gravity	1.40 ± 0.05
Shore A hardness	Approx. 42
Elongation	Approx. 250%
Tensile strength	Approx. 1.40 MPa
Tack-free time	Within 15 minutes
Application temperature	-20°C to +50°C
Service temperature	-50°C to +150°C
Shelf life	12 months

Product

PERESEAL® N Black, White & Grey is a one-part, high-modulus neutral (oxime) curing sealant offering excellent adhesion and weatherability for general glazing and sealing applications.

Features

- High modulus
- Neutral oxime curing system
- Non-corrosive to metals, alkaline substrates and automobiles
- One part; no mixing
- Outstanding durability
- Permanently flexible
- Excellent gunnability from -20°C to +50°C
- Weatherproof
- Non-sagging
- Low shrinkage
- Primerless adhesion to most materials
- For interior and exterior use
- UV resistant

Uses

- General glazing of masonry, concrete, ceramic, stone, glass, aluminium, most plastics, wood, brick, zinc and galvanised iron
- General sealing of containers, automobiles, rainwater goods, roofing and building/civil-engineering joints
- DIY applications including gutters, air-conditioning, sanitary work, cars, boats and marine uses
- Sealing in the electrical and electronics industry

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 N NEUTRAL SEAL SILICONE SEALANT – BLACK, WHITE & GREY
 Revision No. 1
 Issued: 16 September 2026

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Not recommended for

- Not for traffic areas or areas subject to abrasion.
- Not for paint coatings.
- Not for polycarbonate or polyacrylate under tension.
- Not for copper materials.

Curing time

Tack-free in approximately 15 minutes and cures to a depth of 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 $\pm 30\%$ 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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