

TECHNICAL DATASHEET

Premium Neutral Silicone

Single-component neutral-curing silicone sealant that reacts with atmospheric moisture, producing a permanent and flexible rubber seal. With a long shelf life and a wide application area. Insulates and seals in both indoor and outdoor conditions. Adheres to most building materials such as metal, stone, masonry, wood, glass and plastic surfaces. Suitable for slightly alkaline metal surfaces and porous surfaces. Mold, UV, moisture, and weather resistant. Low odor.

Field of applications

Sealing of joints and connections in general construction and renovation. Suitable on surfaces where acetoxyl/ acid-curing silicone cannot be used.

Sealing, finishing, insulation and ventilation works, both indoor and outdoor. Suitable for wet and dry rooms.

Benefits

Permanently elastic
Excellent adhesion to a wide range of substrates
Very good weathering, ageing and UV-resistance
Highly resistant to the elements
Low Odor
Extremely long service life

Applications

Conventional glazing and perimeter weather sealing of windows and doors
Sealing of expansion joints between porous and non-porous substrates
Including: concrete, masonry, aluminum (lacquered, anodized, coated), PVC, glass, ceramics, and most plastics
Sealing of glass and curtainwalls
Perimeter and connection joints for aluminum, wood, and PVC carpentry
Sealing of precast concrete units

Application conditions

Application temperature between +41°F and +104°F. The application temperature of the sealant must be +68°F - +77°F. The application at temperatures lower than +41°F, can only be carried out when connected surfaces are free of condensation, snow and ice. The surfaces must be clean from dust, loose particles and oil. Not suitable for sealing aquariums and for under-water applications. Not paintable.

Application instructions

The surfaces must be clean from dust, loose particles and oil.

300 ml cartridge: Cut off the threaded end of the cartridge and screw on the application nozzle for directing sealant. Cut the threaded end in a way where a suitable opening for application is produced. Place the cartridge together with the applicator in the gun and fill the installation nozzle with sealant, by repeatedly pressing the gun trigger.

600 ml foil package: Open the application nozzle of the gun, insert the package in the gun and open the applicator side by removing the fastening clamp. Place the applicator nozzle on the opened end and screw on the cap.

Apply sealant in the joint by repeatedly and evenly pressing on gun trigger and smoothly dragging the nozzle along the joint. After application, smooth the surface with a rubber silicone scraper and remove excess material.

Ensure adequate ventilation in all joint locations. During the curing process, make sure that no impurities can settle on the surface and that the joint surface is not affected by mechanical load.

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Cleaning

Clean uncured sealant with solvents like white spirit, acetone. Cured sealant can be removed mechanically.

Technical data

Skin forming time	10 minutes
Tack Free Time	15 minutes
Curing time	1/4 bead in 12 hours
Density	0.044 lbs/inch ³
Movement of the joint	± 15%
Elongation at break	400%
Tensile strength	300 psi
100% Modulus of Elasticity	150 psi
Hardness (Shore A)	35 ± 2 – clear, 45 ± 2 – colors
Temperature resistance	-40 to +400 oF
Staining	None
Sag	Minimal < 0.08"
UV Rating	No discoloration

The parameters indicated have been measured at +74°F and 50% relative air humidity.

Colour

Transparent, white, grey, black, brown, beige.

Package

300 ml cartridge, 12 pcs in a box, 1860 per pallet.
600 ml sausage, 20 pcs in a box, 1200 per pallet.

Storage conditions

Guaranteed storage time 18 months starting from the date of manufacture if stored in a closed original package in a dry place between +41°F and +86°F.

Safety Regulations

Ensure sufficient ventilation during application. Keep out of the reach of children. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with water and seek medical advice. Detailed safety information is available on safety data sheet (SDS).