

Weberseal Silicone SN

Neutral-cure, silicone sealant for high humidity areas

Weberseal Silicone SN is a one-part, neutral cure sealant designed for applications in high humidity areas like in bathrooms, kitchens, and cold rooms.



PRODUCT BENEFITS



SILICONE BASED



CHEMICAL RESISTANT



WEATHERING & UV RESISTANT

USES

Weberseal Silicone SN is suitable for indoor and outdoor applications. It is commonly used for sealing joints in baths, basins, and showers in bathrooms, as well as sealing joints for kitchen accessories, ceramic tiles, plumbing fixtures, glass, and plastic joints. It is also suitable for vertical and overhead jointing.

ADVANTAGES

- Fungus and mildew resistant
- UV light and weather resistant
- Used in extreme temperature zones
- High chemical resistance to cleaning detergents

TECHNICAL DATA & PHYSICAL PROPERTIES

Colour	White, Grey, Black, Clear
Specific Gravity	Approx. 1.04 kg/litre
Tack Free Time	Approx. 5 minutes
Curing Rate (+23 °C/50 % RH)	Approx. 3 mm /24h
Sag Flow	Non-Sag
Movement Capability	± 25 %
Service Temperature	- 50 °C to + 150 °C
Shore A Hardness (+23 °C/50 % RH)	20 after 28 days
Tensile Strength (+23 °C/50 % RH)	~ 1.4 N/mm ²
Elongation at Break (+23 °C/50 % RH)	> 540 %
Fungus & Algae Resistance	Passed
UV & Weathering Resistance	Passed

Specifications are subject to change without notification. Results shown are typical but reflect laboratory test procedures conducted in laboratory conditions. Actual field performance will depend on installation methods and site conditions.

CONSUMPTION

Joint Width (mm)	6	9	12
Joint Depth (mm)	4	5	6
Joint Length (280 ml)	~ 12.5 m	~ 6.5 m	~ 4.0 m

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PROCEDURE & APPLICATION



Surface Preparation

All surfaces must be clean, sound, and free from any laitance, oil, grease, and any contaminants. It must be dry with no standing water. Use masking tape seam beside the joint to protect from excessive silicone sealant.



Application

- **Cartridge:** Cut the end off the threaded stub on the cartridge, screw on the nozzle, and cut the nozzle to the desired bead size at a 45° angle.

Extrude the sealant firmly into the joint to ensure complete contact with joint faces. Smooth to finish, if necessary, with a spatula. Masking tape is then removed immediately within 10-15 minutes after application. Remove any uncured material using a suitable solvent or an approved sealant remover.



Design Criteria

The joint width must be designed to be within the movement capability of the sealant. In general, the joint width must be between 6-12 mm. The width to depth ratio of ~ 2:1.

PRECAUTION

Do not use Weberseal Silicone SN with reflective coated mirrors or for direct contact with food and drinking water. It is not suitable for aquarium sealing, interior fire stop system applications, or structural glazing. It may cause corrosion and discoloration on galvanized iron, zinc-coated steel, copper brass, limestone, cement, concrete, brick, marble, and other porous materials, etc.

CLEANING

Clean the tools and equipment immediately after use with clean water. Hardened material can be removed mechanically.

STORAGE & PACKING

Weberseal Silicone SN is available in 280 ml cartridges with 25 cartridges per box. Shelf life of 12 months if unopened and kept in dry conditions at temperatures between 10°C to 25°C. Keep away from direct sunlight.

*Note: Because it is not possible to give specific instructions for the various site conditions or to control the applications, the information on this Technical Data Sheet is for general guidance only. Saint-Gobain (Singapore) Pte Ltd reserves the rights to amend the contents of the data sheet at its sole discretion. (Jun '23)

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