

Weberseal Silicone NC

Multi-purpose, neutral-cure silicone sealant

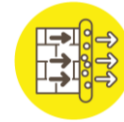
Weberseal Silicone NC is a multi-purpose, one-part, neutral curing silicone sealant suitable for indoor and outdoor applications.



PRODUCT BENEFITS



SILICONE
BASED



SALT
RESISTANT



WEATHERING &
UV RESISTANT

USES

Weberseal Silicone NC is suitable for various substrates including glass, metals, painted surfaces, plastic (excluding PP and PE resins), ceramic tiles, acrylic, and polycarbonate sheets. It can also be used on concrete, marble, slate, and mortar substrates with a suitable primer.

ADVANTAGES

- Non corrosive
- UV light and weathering resistant
- Excellent adhesion
- Chemical and salt resistant

TECHNICAL DATA & PHYSICAL PROPERTIES

Colour	White, Grey, Black, Clear
Specific Gravity	Approx. 1.03 kg/ litre
Tack Free Time	Approx. 15 minutes
Curing Rate (+23 °C/50 % RH)	Approx. 3 mm /24h
Slump	≤ 3 mm
Movement Capability	± 25 %
Service Temperature	- 50 °C to + 150 °C
Extrusion Rate	Approx. 20 – 80 g/10 sec
Shore A Hardness (+23 °C/50 % RH)	15 – 30 after 28 days
Tensile Strength (+23 °C/50 % RH)	≥ 1 N/mm ²
Tensile Shearing Adhesive Strength	≥ 0.5 N/mm ²
Elongation at Break (+23 °C/50 % RH)	> 300 %
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.



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.



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 on PE, PP, PTFE.

CLEANING

Clean the tools and equipment immediately after use with a suitable solvent or an approved sealant remover. Hardened material can be removed mechanically.

STORAGE & PACKING

Weberseal Silicone NC is available in 280 ml cartridges, 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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