



weberseal silicone NC

weberseal silicone NC is a multi-purpose one part neutral curing silicone sealant suitable for indoor and outdoor applications

Advantages

- Non-corrosive
- Low odour
- Very good UV light and weathering resistance
- Primerless adhesion to a wide range of substrates
- Excellent chemical and salt resistance



Used

- Glass
- Metals
- Painted surfaces
- Plastic except PP and PE resins
- Ceramic tiles
- Acrylic or polycarbonate sheet
- With a suitable primer in can be used on concrete, marble, slate and mortar

Package

Cartridge 280 ml. (25 cartridges/box)

Color

White, Grey, Black, Clear





weberseal silicone NC

Surface preparation

- A clean and dry surface. No standing water
- Surface to be free from oil, grease, dust and loose or friable particles
- Use on homogeneous substrates
- Cement laitance must be removed

Application

- Cut the end off the threaded stub on 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
- Any uncured material can be removed using a suitable solvent or an approved sealant remover





weberseal silicone NC

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

Consumption

Joint Width	6 mm.	9 mm.	12 mm.
Joint depth	4 mm.	5 mm.	6 mm.
Joint length / 280 ml	~12.5 m.	~6.5 m.	~4.0 m.

Storage and shelf life

12 months from date of production if kept in undamaged and unopened original sealed containers. Stored in a protected area away from direct sunlight in dry conditions at temperature between +10°C and +25°C

Cleaning

Clean all tools and application equipment immediately with a suitable cleaner. Hardened/cured material should be removed mechanically

Limitations

- Do not use weberseal silicone NC on PE, PP, PTFE





weberseal silicone NC

Technical Specification

Test	weberseal NC
Specific gravity	1.03 kg. /litre
Tack free time	15 minutes
Curing rate	~ 3 mm/24h (+23°C / 50% RH)
Slump	≤ 3 mm
Movement capability	±25%
Service temperature	-50°C to +150°C
Extrusion rate	20-80 g./10 sec
Shore A hardness	15-30 after 28 days (+23°C / 50% RH)
Tensile strength	≥ 1 N/mm ² (+23°C / 50% RH)
Tensile shearing adhesive strength	≥ 0.5 N/ mm ²
Elongation at break	> 300% (+23°C / 50% RH)
UV and weathering resistance	Pass

