



## 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





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### 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





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### 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





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### 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 <sup>2</sup> (+23°C / 50% RH)
Tensile shearing adhesive strength	≥ 0.5 N/ mm <sup>2</sup>
Elongation at break	> 300% (+23°C / 50% RH)
UV and weathering resistance	Pass

