

## SabreSeal™ NC

SabreSeal NC is a cost effective low modulus, neutral cure silicone sealant that adheres to a wide range of both porous and non-porous surfaces without the need for priming. SabreSeal NC is formulated as a high viscosity grade to give excellent tooling properties on vertical and overhead applications.



### Benefits

- Excellent adhesion - adheres to most common surfaces including glass, metals, plastics and wood
- Low dirt pick up
- Excellent flexibility (+/- 25%) BRANZ Appraisal No. 892 [2015]
- Excellent external weathering properties and UV stability
- Suitable for use on polycarbonate

### Limitations

- Do not use in conjunction with bitumen asphalt, or substrates that bleed oil, solvents or plasticisers.
- Non overpaintable.
- Not suitable for bedding I. G Units

### Areas of Use

- Roofing and plumbing seals – around penetrations and flashings
- Perimeter pointing internally and externally around PVCu /wood and all other window frames
- Sealing and as an adhesive onto PVCu, plastic trims and components
- Suitable as an expansion joint sealant
- Suitable for the sealing of pool fittings
- Waterproofing
- Sealing soft metals such as lead, copper and zinc
- General glazing sealing and draught proofing, including repair work over existing sealant
- Glass to glass and glass to aluminium sealing
- Parapet and roof weather sealing applications
- Precast formwork sealant

### Surface Preparation

Surfaces must be clean, dry and free from dust, grease and other contaminants. As quality of plastics can vary, always carry out adhesion tests prior to large scale use. Improve adhesion by wiping surface with white spirits (painted surfaces). Priming is generally not required, although we always advise testing small areas prior to use.

Joint design should be as follows:

**Minimum width:** 5mm. Movement capacity will be impaired if the depth of the joint is greater than the width. For maximum movement accommodation, it is recommended that:

- 1** The joint depth should be no less than 5mm.
- 2** Joint depth should be 5mm for joints up to 10mm wide.
- 3** Joints above 10mm in width should be half the width in depth up to 20mm and minimum 10mm for wider joints.

For deep joints, reduce depth by using SabreFix LF Foam or a suitable joint backer rod.

Triangular fillets should be no less than 12mm across the face and should be finished with a flat or convex face. Cut the tip of the cartridge taking care not to damage the thread. Apply nozzle and cut at an angle of 45° with an opening slightly larger than the gap to be sealed. Apply using a standard sealant gun. Best results will be obtained by keeping an even pressure on the trigger and keeping the gun at a constant angle to the surface being sealed. To ensure a proper bond, always smooth the sealant down with a spatula or piece of wood. An improved joint appearance can be achieved by placing masking tape to both sides of the joint, removing within 5 minutes of application.

### Application

Cut the tip of the cartridge taking care not to damage the thread. Apply nozzle and cut cleanly at an angle of 45° with an opening slightly larger than the gap to be sealed. Apply using a standard sealant gun. Best results will be obtained by keeping an even pressure on the gun trigger and keeping the gun at a constant angle to the surface being sealed. Smooth down within 10 minutes of application using a wetted spatula, piece of wood or wetted finger. Any excess sealant can be removed with white spirit.

## Specification

<b>Movement Accommodation</b>	+ or - 25% (ISO 11600 Class 25LM)
<b>Skinning Time</b>	10 - 20 mins.
<b>Cure Time</b>	2 mm per 24 hours
<b>Hardness Shore A</b>	20 approx
<b>Shrinkage</b>	<5%
<b>Service Temperature Resistance</b>	-50°C to + 150°C
<b>Application Temperature Range</b>	+5°C to + 40°C
<b>Tensile Strength</b>	1.5MPa
<b>Specific Gravity</b>	1.2-1.4
<b>Minimum Joint Width</b>	5mm
<b>Viscosity</b>	150,000 – 300,000 cps
<b>Joint ratio</b>	Maximum depth 50% of joint width
<b>Coverage</b>	10 linear metres @ 9 x 9mm fillet joint
<b>Elongation at Break</b>	300%

## Packaging & Colour



**Available colours:** Transparent  
• White • Black

**Packaging size:** 600ml Foil Pack  
12/ctn (Transparent only)  
310ml Cartridge 25/ctn.



## Health & Safety

Consult MSDS for full list of hazards.

## Storage

Store in original unopened containers between 15 and 30°C.

## Shelf Life

18 months from date of manufacture.

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