



## High Performance Low Modulus Silicone

### Product Description

SiegelSeal N08+ is a premium low modulus neutral curing silicone for lifetime performance in high movement and dynamic joint sealing application. This oxime curing silicone has excellent adhesion, high dynamic movement capacity and exceptional UV and weathering properties for control and expansion joints, façade caulking, perimeter sealing, hardstand and armour joints and other sealing applications.

### Product Advantages

- SiegelSeal N08+ has excellent adhesion properties to aluminium, concrete, steel and brick.
- SiegelSeal N08+ is low modulus with high dynamic movement capacity.
- SiegelSeal N08+ is non-corrosive and possesses maximum UV and weathering resistance.
- SiegelSeal N08+ is a non-shrinking and non-slumping formulation.
- SiegelSeal N08+ has excellent tooling characteristics and a smooth matte finish.
- SiegelSeal N08+ meets GBCA VOC content requirement as low VOC.

### Application

SiegelSeal N08+ is engineered to give lifelong performance in demanding applications such as control and expansion joints, façade caulking, perimeter sealing, hardstand and armour joints and other sealing applications.

Instructions: Remove a sausage of SiegelSeal N08+ from the carton and place in the sausage gun. Holding the sausage gun upright, use side cutter or a knife to cut the metal crimp off one end of the sausage. Cut a nozzle down to the desired nozzle diameter and place in the nozzle clasp and screw on the end of the gun. Ensure the surface is correctly prepared or primed. Pump the silicone as required. SiegelSeal N08+ must be tooled with light pressure within 5 minutes post-application to spread the material against the joint surface for a professional finish. For but joints, SiegelSeal N08+ should be applied to a joint of at least 5x5mm, and bigger joints have a width to depth ratio of about 2:1. SiegelSeal N08+ in its uncured state can be cleaned with solvent. When cured it is very difficult to remove.

**Consumption Estimate**

Joint Width	6mm		10mm		20mm
Joint Depth	6mm		10mm		10mm
Distance per 300ml	7.58 metres		2.73 metres		1.36 metres

**i Technical Information**

Sealant Type	Neutral Oxime Cure Silicone	Colour	Colours
Density	ASTM D792 1.34 ± 0.03 g/ml	Sheen	Matte Colours
Shore Hardness A	ASTM D2240 22	Tensile Strength	ASTM D412 1.5 N/mm2
Application Temperature	+5°C to +50°C	Temperature Resistance	-60°C to +180°C
Smoke Point	220°C +/-	Low VOC Compliance	GBCA Greenstar Compliant Yes
VOC Content	ASTM D3960-05 25 grams / litre	Curing Speed	3mm / 24 hours (23°C and 50% R.H)
Movement Capacity	ASTM C719 -50% / +100%	Elongation at Break	ASTM D412 ≥800%
Sagging	ISO 7389 0mm	Skin Formation	5 - 10 min (23°C and 50% R.H)

## Surface Preparation

Glass

Degrease with alcohol or MEK

Aluminum, light alloys,  
stainless steel

Degrease with alcohol or MEK

Other metals

Lightly abrade and then degrease as above

Wood

Lightly abrade surface and remove dust

Plastics

Degrease using an agent recommended by plastics manufacturer

Concrete and other  
alkaline surfaces

Brush and remove dust

## Restrictions

- Must not be used in totally confined spaces where the sealant cannot cure due to lack of atmospheric moisture.
- Should not be used in conjunction with bitumen asphalt, neoprene and organic elastomers.
- Should not be painted over.
- Should not be used in application that will be submerged in chlorine water.
- Can yellow if exposed to bleach or HCL based brick cleaners while curing.
- Migration and staining can occur when used in direct contact with some natural marble and stones.

## Storage and Shelf Life

- SiegelSeal N08+ has a shelf life of 12 months if stored unopened in the original packaging at temperatures between +5°C and +30°C.

## Health & Safety

May cause an allergic skin reaction. Causes serious eye irritation. Wear protective gloves and eye protection. IF ON SKIN: Wash with soap and water. IF IN EYES: Rinse continuously with water for several minutes. If skin irritation or a rash occurs: Seek medical advice/attention. If eye irritation persists: Seek medical advice/attention. Wash contaminated clothing before reuse. Keep out of reach of children. Contains aminosilane. May produce an allergic reaction. Safety data sheet available on request.

## Product Disclaimer

Since the use and application of this product is beyond our control, we cannot be held responsible for product field performance. The information presented above is the result of our considerable experience with this product but is not to be construed as a performance warranty. In every case we recommend that the customer conducts their own testing and accordingly determines, to their satisfaction, its suitability for their purpose under the operating conditions in which they will use the product/s.

For additional information, phone our Customer Service Centre on AU (02) 4858 1771 or NZ (09) 951 9552.

October 2024 - This Data Sheet supersedes those previously issued.