

SiegelSeal N07+

Industrial Silicone Sealant

Product Description

SiegelSeal N07+ is high-performance neutral oxime cure silicone sealant. This high-performance 100% silicone formulation is formulated for lifetime performance for sealing lap and structural joints such as HVAC, sheet metal, roofing, guttering, automotive and waterproofing applications.

Product Advantages

- ❑ *SiegelSeal N07+ gives high adhesion to most substrate material types including Aquaplate.*
- ❑ *SiegelSeal N07+ is rheologically optimised for easy tooling and finishing without sagging.*
- ❑ *SiegelSeal N07+ has exceptional weathering and UV resistance for lifetime performance.*
- ❑ *SiegelSeal N07+ possesses extreme temperature resistance from -60°C to 180°C.*
- ❑ *SiegelSeal N07+ has very low odour, is non-corrosive and non-yellowing.*
- ❑ *SiegelSeal N07+ is AS4020:2018 certified for potable water and food contact.*

Technical Information

Sealant Type	Neutral Oxime Cure Silicone	
Colour	Colours	
Density	1.02g/ml T	ASTM D792
Shore Hardness A	30	ASTM C661
Tensile Strength	1.3 N/mm ²	ASTM D412
Application Temperature	+5°C to +40°C	
Temperature Resistance	-60°C to +180°C	
Smoke Point	220°C +/-	
VOC Content	39 grams / litre	ASTM D3960-05
Adhesion-in-Peel	>35 N	ASTM C794
Movement Capacity	30% ±	ASTM C719
Elongation at Break	≥400%	ASTM D412
Sagging	0mm	ISO 7390
Skin Formation	5 -10 min (23°C and 50% R.H)	

Application

Instructions: Remove a sausage of SiegelSeal N07+ 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 N07+ 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 N07+ should be applied to a joint of at least 5x5mm, and bigger joints have a width to depth ratio of about 2:1. SiegelSeal N07+ in its uncured state can be cleaned with solvent. When cured it is very difficult to remove.



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.

Storage and Shelf Life

SiegelSeal N07+ has a shelf life of 12 months if stored unopened in the original packaging at temperatures between +5°C and +30°C.

Safety and Disposal

- ☐ Prolonged contact with the uncured sealant should be avoided.
- ☐ Prolonged inhalation of the sealant vapour during curing should be avoided.
- ☐ The application area must be ventilated properly.

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. For further health and safety information, check the latest safety data sheet.

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.
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Siegel Sealants

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