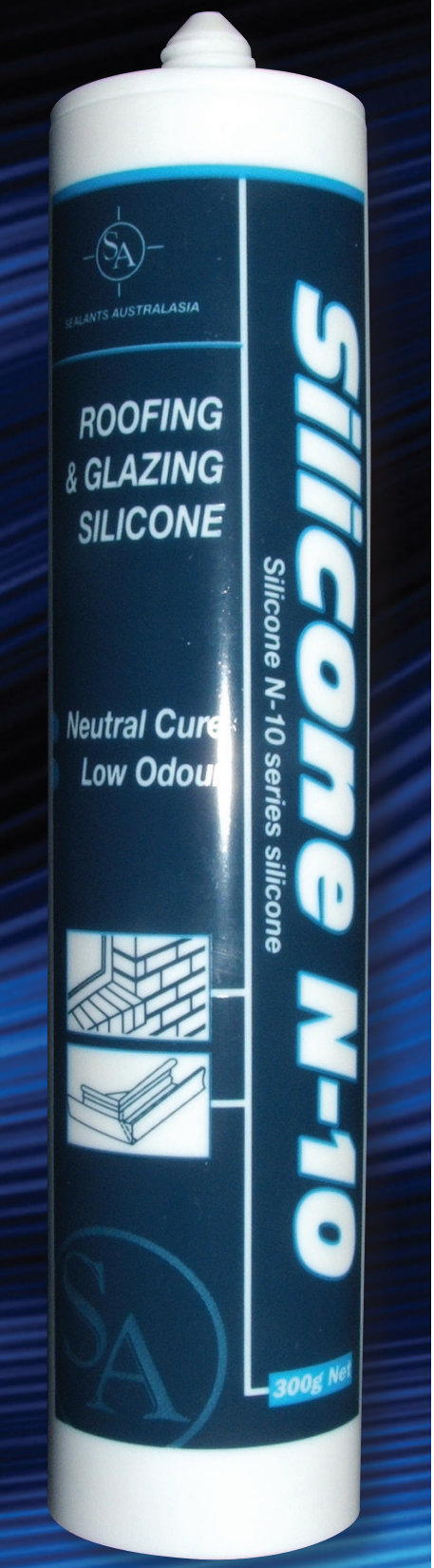

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SEALANTS AUSTRALASIA

SILICONE N-10

NEUTRAL SILICONE SEALANT

Description

silglaze N-10 neutral silicone sealant is a one-part moisture curing silicone. It is an easy to ease general-purpose silicone designed for general purpose glazing and sealing applications where long-term reliability is required.
Weathering and UV resistance of Silglaze N-10 is excellent and very important in glazing for example where most organic sealants fail. It is unaffected by high and low temperature and its superior physical properties and retained after many years exposure.

Key Performance Properties

- **One part**
- **ready to use**
- **fast curing**
- **outstanding weatherability**
- **excellent adhesion**
- **easy application**

Applications

Siliglaze N-10 has excellent adhesion to glass, ceramics, aluminium, GRP, granite, concrete, galvanised steel, and many plastics.
It can be used for:
Standard glazing of frames panels and shop fronts. Sealing environmental and refrigerated rooms, sheet metal, skylights, ventilators, and air-conditioning units. Assembly of metal/ signs. Weather proofing etc

Specifications

Typical product datashould not be used as specifications. Product specification sheets are available upon request from Sealants Australasia Pty Ltd.

PROPERTY	VALUE
CURE METHOD	Ketoxime
COLOUR	Trans, White, Black, Grey.
SAG/SLUMP	Non-Slump (0.1”)
HARDNESS (ASTM D2240)	28 Shore A
TENSILE STRENGTH	1.7 MPa
DYNAMIC JOINT MOVEMENT	±25%
SKIN TIME @25°C/50% RH	10 min
CURE TIME 10mm @25°C/50% RH	5-7 Days
OPERATING TEMPERATURE	-62c to 180°
SPECIFIC GRAVITY	1.04

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Standard Glazing

A thick bead of sealant will tolerate more movement than a thick bead. Joint width and depth should not be less than 4 mm. Maximum joint width should not exceed 25 mm. Depth should be half the width with a maximum of 10 mm.

Polyethylene closed cell foam rod is the recommended back up material to provide the correct depth of joint. If the joint is too shallow use a polyethylene tape bond breaker. Do not allow the silicone sealant to contact the back of the joint or any staining material

Surface Preperation

All surfaces must be clean, dry, sound and free from dust, oil, rust, or any other contamination. Metal should be cleaned with a non-oily solvent soaked clean cloth. Solvent should be wiped from the surface with a clean dry cloth. Use an alcohol such as methylated spirits on glass. For plastics contact the manufacturer for a recommended cleaning solvent. When used on remedial work all existing sealant must be removed.

Packaging

300gms Cartridge - Available in carton of 20.

Product Packed in Australia.

Health And Safety

Avoid contact with skin, eyes, and mouth, and avoid breathing vapour. Use in well ventilated area. If in eyes, immediately flush with water for 15 minutes, If irritation persists seek medical attention. Remove contact lenses before using sealant. Do not handle contact lenses until all sealnt has been removed from fingertips and nails. Residual sealant may remain on fingers for several days and transfer to lenses and cause eye irritation.

KEEP OUT OF REACH OF CHILDREN.

This product emits METHYL ETHYL-KETOXIME (MEKO) whilst curing.

Storage/Shelf Life

The shelf life of Silicone N-10 is 12 months if stored in a cool dry place. The storage temerature should not exceed 25°C as this will decrease shelf life.

Limitations

Silglaze N-10 is not recommended for use: On submerged joints where porous substrates permit water to the bond interface. In aquarium construction and structural glazing. For certain rubber products where bleeding of plasticiser may occur. In horizontal walkways where sealant will be subject to abrasion.

Sealant Volume Calculator

Number of 300gm Cartridges =

Joint Width (mm) x Joint depth (mm) x Joint length (meter) x 1.15* Divided by 292

** Please note; 1.15 Allows for 15% wastage. Joints are assumed rectangular*