

Technical Data Sheet

Silicone N-40

Neutral Curing Roof & Gutter Anti-Fungal General Purpose Silicone Sealant

Adheseal
The Adhesive and Sealant Specialists

DESCRIPTION

Silicone N40 is a neutral cure silicone sealant that has been especially developed for the plumbing and tiling industries.

It has excellent adhesion on zincalume, galvanised, colourbond, Glass, Ceramic and porcelain tiles, treated wood, PVC, aluminium and other construction products. Silicone N40 has a resistance to low and high temperatures (-50°C + 150°C). Silicone N40 is UV stable and Anti-Fungal. Also suitable for use in food preparation areas.

SURFACES

All surfaces should be dry, clean and free from dust or grease. When necessary, degrease with solvent. If necessary, use primer. It is recommended that adhesion tests be carried out to determine the suitability of the product for its application.

PRIMERS

Silicone N40 has good adhesion to most common building materials without the use of a primer. (Testing is highly recommended.)

APPLICATION

Drill rivet holes in gutter / flashing. Gutters & Flashing: Solvent wipe clean the area to be sealed. Run a bead of Silicone N40 directly over rivet holes. Place the two surfaces together and rivet. Dry tool immediately before the sealant skins. Tooling time is a minimum of 10 minutes depending on temperature and humidity.

LIMITATIONS

Do not use in closed rooms. Do not expose to thermal, mechanical or chemical influences before complete vulcanisation.

- Mirrors: see technical department.
- Polyacrylate and polycarbonate, structural glazing: see technical service department.
- Cannot be painted.

REPAIRS

Silicone N40 will adhere to itself.

PACKING

20 cartridges of 300 ml /box.

METHOD OF APPLICATION

With a gun (manual or electric).

Physical Properties:

Type of product	Polysiloxanes
Curing system	Moisture in the air
Density (specific gravity)	(ISO 1183) 1.03
Skin time	(23°C & 50 % R.H.) 20 Min
Cure rate	(23°C & 50 % R.H.) 1-2 mm / 24 hrs
Application temperature	Between +5°C and +40°C
Temperature resistance	-50°C to + 150°C
Shelf life	12 months if kept in the original packed and stored in cool and dry conditions
Clean up	Uncured: 1. Tools - white spirit or solvent. 2. Surfaces - Silicone Cleaner Cured: Mechanically
Colours:	Translucent, White , Mid Grey, Aluminium Grey, Black
VOC Content (Californian rule 1168)	43gms/lt
Fire tested:	To AS/NZS 1530.3-1999 (Smoke developed Index 0-1)

Safety

This product is not classified as hazardous according to Work safe Australia however skin irritation and sensitisation may occur in sensitive individuals. Please consult M.S.D.S. for this product for further information.

Adequate Tests

The information contained in this bulletin we believe is correct to the best of our knowledge and tests. The recommendation and suggestion contained herein are made without guarantee or representation as to the results. We recommend that adequate tests be made in your laboratory or plant to determine if this product meets all your requirements.

Guarantee / Warranty

We warrant our products to be free of defects and manufactured to rigid quality control specification. As it is impossible to control the use and application of the products, the company's liability is limited to replacing such quantities of product as are proven to be defective. The company disclaims any claims for repainting or other labour resulting from the use of the product. No responsibility is assumed for consequential damages arising from the use of the product. All other warranties including (merchantability or fitness for a particular purpose) are excluded. No representative of the company is authorised to grant any warranty or waive this limitation of liability. All claims concerning product defects must be made within twelve months of shipment. Absence of such claim in writing during this period will constitute a waiver of all such claims with respect to such product.