

Product Data Sheet

Neutral Cure Silicone Sealant

Description

A highly flexible, mould resistant and solvent free, single pack, low modulus, neutral cure silicone sealant complying with ISO 11600-F-25LM.

Uses

Highly versatile, Nicobond Neutral Cure Silicone Sealant can be used with a wide variety of materials. Sealing around baths and bathroom fittings, showers, toilets and sanitary ware, kitchen sinks and rimless sink bowls; for draught proofing around badly fitting window and door frames and provides a durable watertight seal around common construction substrates. Low modulus, neutral curing and no plasticiser migration, Nicobond Neutral Cure Silicone Sealant does not bleed into natural stone products. It is also recommended for sealing wet room installations where Nicobond Wet Room Self Adhesive butyl rubber backed components are in use. It has excellent elastic recovery and provides a perfect seal in a bathroom or kitchen environment.

Application

Joint preparation.

The joint faces to be sealed must be dry, free from frost, grease oil, dust and any contamination which may prevent adhesion. Use a suitable solvent or alcohol containing product to clean the surface. Use one cloth dampened with the solvent to remove contaminants and a second dry cloth to remove solvent residues.

Porous surfaces such as concrete, block or brick work may require priming, seek further advice.

Joint design.

Joint width and depth should not be less than 3mm. Ideally the joint should be rectangular in section and its depth should equal half the width.

Unscrew nozzle, cut tip off threaded section, re-screw nozzle on tightly and cut diagonally to approx. joint width.

Place the 310ml cartridge in the Nicobond Sealant Gun and exert steady pressure. Best results are obtained if the sealant is pushed along the joint ahead of the nozzle ensuring complete filling. Sealant surface should be smoothed e.g. with a wetted pallet knife within 5-10 minutes of application. Surplus Nicobond Silicone Sealant should be removed before it cures, with a clean dry cloth or absorbent paper.

Features

- Resistant to extremes of temperature
- Contains fungicide to inhibit mould growth
- Suitable for natural stone
- Wide range of colours
- Ready mixed for immediate use
- Suitable for use in both interior and exterior applications
- Bonds to a wide variety of materials
- Resists mildew, heat, moisture, UV radiation, steam, ozone etc
- Non-slump, rapid cure



Application Data

Consistency of Mix	Thixotropic paste as supplied
Coverage	9 metres of 6mm bead per cartridge
Skinning Time	Approx. 10-15 minutes
Minimum joint width	4mm
Maximum joint width	25mm
Joint ratio	Maximum depth 50% of joint width
Application Temperature	+ 5°C to +40°C
Service Temperature range	- 40°C to + 150°C.
Size	310ml
Colours	Black, Anthracite, Slate Grey, Mid Grey, Silver Grey, Jasmine, Cream, Limestone, Honey, Cappuccino, Coffee
Shelf Life	Up to 1 year unopened Do not allow to freeze

Final Performances

Full Cure	Approx. 24 hours
Resistance to Solvents and Oils	Fair
Resistance to Acids and Alkalis	Good
Resistance to Water	Excellent
Shore Hardness (A scale)	13
Movement Accommodation	+ or - 25% of joint width
Bond Strength to Ceramic Glaze	High

Note: Nicobond Neutral Cure Silicone Sealant is not paintable and is not suitable for use with aquaria.

Health & Safety Advice

Nicobond Neutral Cure Silicone Sealant may cause skin irritation and be irritating to eyes and respiratory system. Also handle in a well ventilated area. Wear suitable protective clothing, chemical resistant gloves and eye/face protection. Keep away from children.

The relevant Material Safety Data Sheet can be obtained from www.nichollsandclarke.com or directly from N & C Building Products Ltd at the address below.

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