NEUTRAL PRO

NEUTRAL SILICONE SEALANT

FEVISEAL NEUTRAL PRO one-part Neutral Cure Silicone Sealant is a non-slump, moisture-curing RTV (room temperature vulcanizing) that cures to form a tough, medium modulus rubber for long- term flexibility and durability.

Typical Applications

- Ideal for sealing glass, aluminium, non-oily wood, brick, concrete, steel, ceramic, selected plastics, etc.
- Sealing for housing windows, metal cladding, ducting and interior sealing in building and housing.
- Sealing for general glazing and showroom glazing and general weatherproofing applications.

Features

- One component ready to use
- Neutral Cure
- Fast skinning and curing
- Outstanding resistance to Ozone, UV, moisture and temperature extremes
- Cured sealant remains stable and flexible from -40°C to +150°C
- Primerless adhesion to glass, aluminium and most building substrates

Packaging

- 280 ml plastic cartridge with separate nozzle. Available in White, Clear & Black

Method of Application

1. SURFACE PREPARATION

- The surface should be made clean, dry and degreased before applying FEVISEAL NEUTRAL PRO.

2. MASKING TAPE

- Fix the masking tape on both sides of joint leaving exact gap for filling. This will make joint look good and uniform.

3. APPLICATION

- It is supplied in ready to use plastic cartridges. Cut nozzle at an angle to desired bead size. Cut the tip of cartridge and fix the nozzle. Load the cartridge into the sealant gun.

4. FINISHING

- Fill the joint with FEVISEAL NEUTRAL PRO.
- Immediately after filling the joint, the sealant should be tooled either with pallet knife or similar tool of required size.
- Tooling is essential to remove air bubbles if any and to fill up all voids by the compacting action.
- This results in proper adhesion to the sides of the joint. It also gives better aesthetic surface.
- Remove masking tape once the sealant is in touch dry condition.

5. CURING

- Allow sealant to cure for 7 days minimum at above 50% RH

Precautions & Limitations

- Do not use for structural glazing.
- Not recommended for continuous water immersion applications.
- Not recommended for use in below-ground joints or trafficable joints where abrasion and physical abuse are encountered.
- Cannot be painted as paint will not adhere to sealant
- Should not be applied to surfaces in direct contact with food or drinking water.
- Do not apply at temperatures below 4°C or when surface temperature exceeds 50 °C

Technical Information - Typical Values

Physical Property	Test Standard	Clear	White	Black
Physical appearance	Visual	Thixotropic paste	Thixotropic paste	Thixotropic paste
Density (g/ cm^3) uncured paste		1.000	1.300	1.300
Skin formation time (min) @ 25 ± 1°C, 50+/- 5% RH		5 - 20	5 - 20	5 - 20
Tack free time (min) @ 25 ± 1°C, 50+/- 5% RH	ASTM C 679	<30	<30	<30
Sag/Slump (Vertical), mm	ASTM D 2202	< 2 mm	< 2mm	< 2mm
Extrusion rate, gram/sec	ASTM C 1183 (Procedure B)	2	2	2
Cure rate mm/24 hr @ 25 ± 1°C, 50+/- 5% RH		1-2 mm	1-2 mm	1-2 mm
Properties of Material after 7 days curing @ 25 ± 1°C, 50+/- 5% RH				
Durometer Hardness Shore A	ASTM C 661	22	35	35
Tensile Strength (N/mm2)	ASTM D 412	≥0.8	1.1	1.4
Elongation @ break %	ASTM D 412	700	500	500
Tear Strength N/mm (Die C)	ASTM D 624	6	4	4

Typical values are average data and are not to be used as or to develop specifications

Theoretical Coverage

One 280 ml cartridge

Will cover 6 mm width x 6 mm depth joint = 7.7 linear metre

10 mm width x 10 mm depth joint = 2.8 linear metre.

Shelf Life

Shelf life is 12 months from the date of manufacturing. The material should be stored in cool and dry place.

Health and Safety

Refer product label and Material Safety Data Sheet (MSDS) for safety information.

Other Product Categories available

Feviseal brings you the widest range of Sealants

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