

SSN1 GENERAL USE NEUTRAL SILICONE SEALANT

Description

SS-N1 Neutral Silicone Sealant is a one-part, medial modulus, neutral cure sealant. It has an excellent adhesive ability to most construction materials without a primer.

Characteristics

- A. Can keep good viscous degree and extruded at -25°C to 50°C.
- B. Excellent contact change and extrusion ability in any air temperature (-40°C to 100°C).
- C. Excellent adhesion to stove, ceramics, concrete and other building materials. It has no pollution to porous materials.
- D. Outstanding weatherproofing ability, resistant to ultraviolet rays.
- E. Is compatible with all kinds of silicone structural sealants.



Use limitations

SS-N1 is not fit for structural usage. It should NOT be applied in the following conditions:

- 1. To all materials that discharge oils, plasticizers or solvents, and green or partially sulfurized gaskets or tapes, etc.
- 2. In totally confined space as the sealant needs the water in the air to cure.
- 3. In continuous immersion in water or below-grade application all year.
- 4. In painted surfaces, as paint cracks or decayed paints may cause seal failure.
- 5. In frost or wet surfaces.
- 6. Surfaces that touch the food directly.
- 7. Traffic areas or areas subject to abrasion.

Typical Properties

APPEARANCE: Have no grain, no agglomerations, does not droop

TACK FREE TIME: 0.8 h

TENSILE STRENGTH: 0.7 MPa

DUROMETER HARDNESS: 30

ELONGATION: 120%

SEALANT CLASS: 12.5E

CURING SYSTEM: Neutral Oxime

ODOUR:

CURING TIME & APPLICATION TEMPERATURE: 50 +/- 5% RH, 23 +/- 2°C

EXTRUSION ABILITY: 236 ml/min

Uses

SS-N1 is fit for sealing all kinds of glass doors, cladding panels and windows.

Colors

SS-N1 is available in 4 standard colors: white, black, gray, and clear.

Packaging

SS-N1 is available in net 380g (white, gray, black) and 300g (clear) plastic cartridges, 24 cartridges per carton.

Storage and Shelf life

Store in a cool and dry place at 27°C or lower temperature conditions in the original unopened container. SS-N1 has a shelf life of 12 months from the date of manufacture.

Application

- Substrate surface must be dry and clean. All loose material, dirt, oil, grease and detergents must be removed.
- Mask adjacent surfaces for easy clean up.
- Cut the tip off the cartridge. Cut the nozzle to the desired size at 45° angle. Screw nozzle onto cartridge. Insert into caulking gun.
- Push sealant ahead for uniform bead. Tool within 5 minutes.
- Remove masking tape.
- Clean off excess sealant with strong detergents, M.E.K. or toluene before dry.

Caution

Uncured Sealant may irritate eyes, skin, and respiratory system.

Use appropriate personal protection to avoid contact with skin and eyes.

In case of contact with eyes, flush with running water for 15 minutes and seek medical advice immediately.

In case of contact with skin, wash affected area with hand cleaner followed by soap and water.

Product releases ketoxime during application and curing.

Use only in well ventilated areas.