

TECHNICAL DATA SHEET SILIMAX 100% SILICONE SEALANT



SILIMAX 100%

PACKAGING

10.1 fl. oz. (300 ml) HDPE cartridges

TYPICAL PROPERTIES

Basis: Acetoxy Color: Clear, White, Grey, Aluminum, Bronze, Brown, Black Application Temperature: -35 oC to +65 oC (-31 oF to +149 oF) Intermittent Peak Temperature: +205 oC (+401oF) Extrusion Rate: 350 g/min Slump (ISO 7390): 0.20 in Density: 1.03 g/ml Skin Over Time 13 min Joint movement capability +/- 25 % Temperature resistance -60 oC to +205 oC (-76 oF to +401 oF), after curing Shore A Hardness (ASTM C 661) 22 (+/-3) Tensile Strength (ASTM D 412) 2.0 MPa (250.1 psi) Elongation at break (ASTM D 412) 450 %

DESCRIPTION

Silimax 100% is a versatile one component, RTV,100% silicone sealant, acetoxy basis, for sealing building joints and glazing systems. The product has excellent UV and weather resistance. After application the silicone cures with atmospheric moisture to form a durable rubber seal.

USES

- Top sealing in glazing systems
- Connecting joints in buildings
- For kitchens and bathrooms
- To seal assemblies of glass, glazed surfaces, porcelain coated metal, epoxy and polyester panels, polystyrene, uPVC, stainless steel, anodized aluminum and finished wood

KEY FEATURES

- 100% Silicone
- Fast curing
- Easy to apply
- Excellent extension/recovery properties
- Excellent adhesion to most non porous surfaces without primer
- Excellent UV resistance

SURFACE PREPARATION

- The substrates to be assembled must be clean, dry, dust free and not have any traces of grease or other contaminants that could adversely affect the bonding performance.
- If the substrates need to be cleaned, methyl ethyl ketone (MEK) type solvents may be used or isopropyl alcohol.
- Check the compatibility of the solvent with the substrates.





FOR BEST RESULTS

- Apply at a temperature between -35 C & +65 C (-31 F & 149 F). Store sealant in fresh, ventilated area, at or below 90oF (32oC).
- For a neat, straight bead edge, mask both sides of joint with tape, removing masking tape before skin formation.
- Do not "overtool" the applied sealant, leaving too little sealant to perform following cure.

CLEAN UP

Clean tools with MEK before curing. After cure, mechanical cleaning is required.

NOTE

The above technical information is based upon our best knowledge and we shall not be hold liable for any mistake, omission, lack of information due to technical changes between the issue of this TDS and the date the product was acquired. This technical information is strictly indicative and nonexhaustive as well as any information given over the phone. The end user must test the product with its substrate prior using it and verify that it is suitable for the application. If the end user needs more technical information on the product, he must contact the vendor or manufacturer prior using it for its recommended application or for a specific project.

Our liability is subject to the current law and regulations as well as the professional association standards and according to our general terms and conditions of sales.

CAUTION: HARMFUL. NOT FOR INTERNAL CONSUMPTION. KEEP OUT OF REACH OF CHILDREN & PETS. KEEP FROM FREEZING. (See MSDS for additional information)

DIRECTIONS

1. Clip off tip spout @ a 45 degree angle to desired size.

2. Load cartridge into caulking gun & apply using steady, even pressure to completely bridge joints.

3. Smooth sealant using wet finger or a damp cloth for a neat appearance.

4. Wipe away excess with a damp cloth before surface skin over.

LIMITATIONS

- Apply only to clean, dry substrates
- Cooler weather will slow down cure time
- Not paintable
- Not recommended for application on concrete, marble, lead, copper, galvanized steel and not for PE, PP, Teflon and bituminous surfaces.

