



SILIMAX P40



■ **PACKAGING**

Cartridges: 300ml aluminum
 Sausages: 400ml and 600ml aluminum

■ **TYPICAL PROPERTIES**

Color: White, Grey, Black, Brown, Terra Cotta
Basis: Polyurethane
Curing Mechanism: Moisture
Specific Gravity (DIN 53479): 1,08 ± 0,03
Tack Free Time (77oF, 50% H.R.): 60 min
Cure Rate (77oF, 50% H.R.): 3mm/24 hours
Hardness Shore A: 40 ±5
Elongation at Break (ASTM D 412): ≥ 400%
Modulus 100% (ASTM D 412): 0.9 Mpa
Tensile Strength (ASTM D 412C): ≥ 2-2.5 Mpa
Application Temperature: 23oF to +100oF
Temperature Resistance: 23oF to +176oF
Shelf Life: 12 months at +40oF and +77oF

■ **DESCRIPTION**

SILIMAX P40 is a one-component, medium-modulus polyurethane sealant that cures exposure to atmospheric humidity. It possesses excellent adhesion to all typical construction materials such as cement-based materials, brick, ceramic, glass, wood, galvanized and painted sheet iron, and various plastics

■ **KEY FEATURES**

- Thixotropic – non sagging
- Paintable
- No volume change
- Resistant to weather conditions and water.
- Bubble free curing
- Permanent elasticity

■ **USES**

- Can be applied by a manual or pneumatic gun
- After application, it is needed to smooth the joint with soapy water.
- It is suggested to use cartridge or sausage in 24 hours after opening.
- In cold weather, store the packages at about 70 °F before use.
- During application, avoid air-entrapment: There can be slightly color change in white and grey when exposed to ul-traviolet rays.

■ **SURFACE PREPARATION**

- The substrates to be assembled must be clean, dry, and 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.
- Check the compatibility of the solvent with the substrates.

Note: When using solvents, keep away from all sources of ignition and carefully follow the safety and the handling instructions given by the manufacturer or supplier of this type of product.

■ **DIRECTIONS**

1. Clip off tip spout @ a 45-degree angle to the desired size.
2. Load cartridge into caulking gun & apply using steady, even pressure to completely bridge joints.
3. Smooth caulk using a wet finger or a damp cloth for a neat appearance.
4. Wipe away excess with a damp cloth before the surface skin is over.

■ FOR BEST RESULTS

- The application surface must be solid, clean, dry, and free of dust, oil, and grease. Apply a primer if necessary. If necessary, rub down metal surfaces before usage. Allow the substrate to dry after degreasing. It is recommended to clean concrete with a metal brush.

■ CLEAN UP

Tools can be cleaned with alcohol or acetone before the sealant has completely cured. After curing, abrasion is necessary 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.

KEEP OUT OF REACH OF CHILDREN. AVOID CONTACT WITH SKIN AND EYES. USE IN WELL-VENTILATED PLACES. DO NOT BREATHE VAPORS. DO NOT SMOKE WHEN USING THE PRODUCT.

■ LIMITATIONS

- **SILIMAX P40** cannot be on bituminous substrates, natural rubber, EPDM Rubber or building materials might bleed oils, plasticizers, or solvents which could attack the sealant
- Do not apply at a temperature below 23 °F.
- Avoid contact with alcohol and other solvent cleaners during cure. Maximum depth /width of sealant must not exceed 12 mm; minimum is 5 mm.



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