



SILIMAX P25



PACKAGING

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

TYPICAL PROPERTIES

Color: White, Grey, Black and Various colors
Basis: Polyurethane
Curing Mechanism: Moisture
Density: 1.40 g/cm³
Tack Free Time (77°F, 50% H.R.): 50-70 min
Cure Rate (77°F, 50% H.R.): 4mm/24 hours
Hardness Shore A: 15-35
Elongation at Break (ASTM D 412): ≥ 991%
Tensile Strength (ASTM D 412C): 0.72 MPa
Sagging: 0 mm
Temperature Resistance: -22 °F to +176 °F
Shelf Life: 12 months at +40°F and +77°C.

DESCRIPTION

Silimax P25 is a onepart polyurethane-based sealant, which cures to form elastomeric mastic when exposed to atmospheric moisture. It shows excellent adhesion to all cement-based materials, brick ceramics, polyurethane, epoxy, most polyesters, most metals, and timbers.

KEY FEATURES

- DOP free, Non-staining
- Excellent adhesion to various metals
- Surface can be painted and polished
- Low temperature flexibility
- Large mechanical strength

USES

- It has multiple uses in metal and wood building works.
- Used for seam sealing/sealing of pipe ducts/ventilation systems.
- Bonding or sealing joints between most construction materials, where high or middle bond strength is required.

SURFACE PREPARATION

- 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.

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

- 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 a cartridge or sausage 24 hours after opening. If moisture-vapor-transmission condition exists from the substrate as this can cause bubbling within the sealant. Opened cartridges should be used the same day. During application, avoid air-entrapment. There can be slightly color change in white and grey when exposed to ultraviolet rays.

■ 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

- Avoid exposure to high level of chlorine.
- Do not cure in the presence of curing silicone sealant.
- Will not adhere to some plastics such as polyethylene, polypropylene and Teflon.
- It not be applied outdoors if it is likely to be rained upon within 2 hours of application.



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