



Topflex PU 25

Product Description

Topflex PU 25 Polyurethane Mastic is a high-performance, one-component sealant designed for flexible joint sealing and bonding applications. It cures upon exposure to atmospheric moisture to form a durable, elastic seal resistant to weathering, chemicals, and mechanical stress. Ideal for use in construction, automotive, and industrial settings.

Product uses:

- Expansion and connection joints in concrete and masonry.
- Perimeter sealing around windows and doors.
- Bonding of various substrates including metal, wood, and plastics.
- Sealing joints in precast panels and façade systems.
- Automotive seam sealing and vibration damping.

TECHNICAL PROPERTIES

Appearance/Color	Glossy / Gray , White and Black
Appearance:	Thixotropic paste
Density:	1.30 kg/liter (ISO 2811)
Skin Formation Time:	30–60 minutes (at 23°C, 50% RH) (ISO 7390)
Curing Rate:	~3 mm/24h (ISO 9046)
Shore A Hardness:	25–35 (ISO 868)
Elongation at Break:	>400% (ISO 8339)
Tensile Strength:	≥1.5 MPa (ISO 37)
Movement Capability:	±25% (ISO 11600)
Application Temperature:	+5°C to +35°C
Service Temperature:	-40°C to +80°C
Application method:	Special gun

Surface Preparation:

Ensure surfaces are clean, dry, and free from dust, grease, and contaminants. For porous substrates, a suitable primer may be required to enhance adhesion. Conduct adhesion tests when bonding unfamiliar materials.

PRECEDING COAT:

- Top Floor TS 500-SB
- Poly Clear PU 080

Compliance & Standards:

- Meets ISO 11600 F 25 HM
- VOC compliant.
- CE Marking available upon request.

Shelf life & Storage:

12 months from date of production if stored properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5°C and +30°C.



Safety:

- Use in well-ventilated areas
- Avoid contact with skin and eyes
- Refer to Safety Data Sheet (SDS) for full precautions

Legal Notice:

The information presented herein is given in good faith but without warranty. It's based on our experience, indicates our laboratory work results and does not necessarily indicate final product performance. We cannot be held liable for the results obtained with our products and for any loss or accident that may result from its use. Our suggestions don't release you from the obligation to check their validity and to test our products for both your process and end use application. All our products are sold in accordance with our General Conditions of Sale. We don't make any warranty, express or implied, including but not limited to the merchant ability and fitness for a particular purpose.