TN-PU19

SELF-LEVELING POLYURETHANE SEALANT



PRODUCT CODE: 1225-C

GENERAL DESCRIPTION

TN-PU19 Self-Leveling Sealant is a single-component polyurethane product designed for sealing joints on both horizontal and vertical surfaces. It offers high resistance to water, oils, and acids, with excellent adhesion to a wide range of materials. Its self-leveling formulation facilitates application across extensive areas.

APPLICATIONS AND RECOMMENDED USES

COMPATIBLE SURFACES:

- Concrete and Mortar.
- Cement-based substrates.

Areas of Application:

- Sealing of joints in highways, airport runways, plazas, and rooftops, as well as repair of structural cracks.
- Specialized for piers, docks, underground garages, and basements.
- Ideal for the interior of dams and tanks, serving as both a protective layer and a high-quality finish for indoor and outdoor environments.

DIRECTIONS FOR USE

Surface Preparation:

- Ensure the surface is clean, dry, and free of dust, grease, or moisture.

Application:

- Ensure the surface is dry and free of dust, grease, oil, or loose particles.
- Pour the sealant directly onto the joint or surface.
- If necessary, level the product using a spatula, roller, or squeegee.

Curing:

- Tack-Free Time: 16 minutes.
- Full Cure Time: 22 hours.

Recomendation:

- For joint applications, the use of an applicator container is recommended.

PRESENTATION AND PACKAGING

- **Standard Presentation:** Metal Pail.
- **Capacity:** 10 Kilos.

The product color may vary slightly depending on the manufacturing batch.

STORAGE

- Store in a cool, dry, and well-ventilated area.
- Keep away from heat sources, sparks, or open flames.
- Conservar el envase herméticamente cerrado.
- Temperatura recomendada: inferior a 25 °C.0

PIC DISTRIBUIDORA

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TECHNICAL CHARACTERISTICS

Appearance:	**Semi-fluid paste, gray**	Full cure:	**5 mm / 24 h**
Color:	**Light gray**	Tear strength:	**5.819 Km/m**
Curing Type:	**Self-leveling Polyurethane (PU)**	Hardness (Shore A):	**32 A**
Viscosity:	**4022 cP**	Tensile strength:	**1.299 MPa**
Curing Time:	**22 Hours (at 23 °C and 50% HR)**	Elongation at break:	**178%**
		Density:	**1.35 g/cm³**

SAFETY PRECAUTIONS

Personal Protective Equipment (PPE):

- Wear nitrile gloves, safety goggles, and a face mask.
- Perform application in well-ventilated areas.

Hazards:

- Causes serious eye irritation.
- Flammable (Category 3).

First Aid:

- Eyes: Rinse with plenty of water for 15 minutes and seek medical attention.
- Skin: Wash with soap and water.
- Inhalation: Move to a well-ventilated area.

COVERAGE

The product offers a coverage of 8.5 m^2 when applied at a uniform thickness of 2 mm on smooth concrete surfaces.

CHEMICAL COMPOSITION

COMPONENT	CONCENTRATION	ASSOCIATED HAZARDS	
Calcium Carbonate	52%	Not classified as hazardous	-
Silane-Modified Polyether Resin	22%	Not classified as hazardous	
Dioctyl Phthalate	18%	Skin irritation, aquatic toxicity	
Silane Coupling Agent	7.7%	Flammable (Category 3)	
Curing Agent	0.3%	Eye and skin irritation	

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