



PU Sealant 11 P

2K Pourable Grade PU Sealant

Pack Size
1.2Kgs

TDS
Technical Data Sheet



Product Description

PU Sealant 11 P is a cold-applied, pitch-free, two-part polyurethane elastomeric sealant designed for joints in concrete paved areas.

Recommended Uses

For sealing floor joints, concrete joints in airport runways, oil terminals, parking, and cargo areas.

Features & Benefits

Provides a tough, rubbery seal with high movement accommodation. Conforms to BS5212-1990. Pitch-free and environmentally friendly. Resistant to fuel, oil, and hydraulic fluid. Self-leveling.

Product Data

Colors	Grey
Movement Accommodation	(=) 30% Factor IRC: 57: 2006
Setting Time @ 35°C	14-16 hours
Hardness Shore A@ 25°C	: 15+5
Mixed Density@ 25°C	1.40-1.50
Full Cure @ 25°C	5-7 Days
Pot Life @ 25°C	Min. 30 Minutes
Application Temperature	Avoid prolonged cure times, do not apply below 5°C.
Mixing Ratio	5:1 by weight (or as specified on the container)

Instructions for Use

Joint Preparation:

Joint sealing slots in concrete should be correctly formed, dry, sound, and clean. Clean porous substrates by grinding, saw cutting, or blast cleaning. Blow out the prepared sealing slot with oilfree dry compressed air. Ensure the expansion joint filler is tightly packed in the joint at the required depth. Insert a bond breaker into the base of the sealing groove.

Product Data Sheet

PU Sealant 11 P

July 2024, Version 01.001

Priming:

Use Primer IF 3E by applying it with a clean, dry brush and allow 30 minutes for solvent evaporation before applying the sealant. Apply the sealant when the primer is tacky. Reprime if the primer film becomes completely tack-free before applying the sealant.

Mixing:

Transfer the entire content of the curing agent into the base container and mix thoroughly for 3 minutes with a slow-speed stirrer until completely mixed. After mixing, load the sealant into an appropriate sealant gun and apply it into the sealing slot so the finished level of the seal is recessed below the trafficked surfaces as specified. Wipe excess sealant from surfaces while uncured and remove any masking tape prior to sealant curing.

Cleaning:

Clean up uncured material and equipment immediately after use with solvent.

Coverage:

The coverage below is approximate linear meters per liter.

Size (mm) Liters per meter

10 x 10 0.100

20 x 15 0.300

25 x 20 0.500

Pack Size

1.2KgS

**Data Reliability**

All technical data provided in this document are based on laboratory tests. Actual performance may vary due to factors beyond our control.

Regional Compliance

Product specifications may vary based on local regulations. Please refer to the local Product Data Sheet for precise information.

Legal Disclaimer

The information and recommendations regarding the application and end-use of Carbolink products are provided in good faith based on our current knowledge and experience. Due to variations in materials, substrates, and actual site conditions, no warranty of merchantability or fitness for a specific purpose can be inferred. The user must determine the product's suitability for the intended application. Carbolink reserves the right to change the properties of its products. All proprietary rights of third parties must be observed. Orders are subject to our current terms of sale and delivery. Always refer to the most recent local Product Data Sheet, available upon request.