

PRIMER-PU 100

Polyurethane primer

Description

One-component, ready-to-use polyurethane primer with solvents. PRIMER-PU 100 stabilizes porous surfaces and ensures the proper adhesion of ISOFLEX-PU polyurethane liquid waterproofing membranes.

By penetrating inside the pores of the substrate, it acts as a bonding layer between ISOFLEX-PU and the substrate.

Fields of application

PRIMER-PU 100 is a primer used for ensuring the adhesion of ISOFLEX-PU on substrates like concrete, cement screeds, wood, etc.

Technical data

| | |
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| Form: | polyurethane prepolymer |
| Color: | yellowish |
| Density: | 0.99 kg/l |
| Viscosity: | 100-120 mPa·s (+23°C) |
| Adhesion to concrete: (EN 1542) | > 2 N/mm ² |
| Elongation at break: (EN-ISO 527) | 80-120% |
| Tensile strength: (EN-ISO 527) | 6.4 N/mm ² |
| Overcoat time: | after 2-3 h |

Directions for use

1. Substrate preparation

The surface to be primed must be dry, free of dust, grease, dirt, etc.

2. Application

PRIMER-PU 100 is thoroughly stirred and uniformly applied on the substrate by brush, roller or spray prior to the application of ISOFLEX-PU.

Tools must be cleaned with SM-16 special solvent while PRIMER-PU 100 is still fresh.

Consumption

200-300 g/m², depending on the absorbency of the substrate.

Packaging

PRIMER-PU 100 is supplied in metal containers of 1 kg, 5 kg and 17 kg.

Shelf life – Storage

12 months in sealed containers, in cool, dry conditions.

Remarks

- Temperature during the application and hardening of the product should be between +5°C and +35°C.
- Unsealed containers shall be used at once and cannot be restored.
- PRIMER-PU 100 is intended for professional use only.

Volatile Organic Compounds (VOCs)

According to Directive 2004/42/CE (Annex II, table A), the maximum allowed VOC content for the product subcategory h, type SB is 750 g/l (2010) for the ready-to-use product.

The ready-to-use product PRIMER-PU 100 contains a maximum of 750 g/l VOC.

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