

Technical Datasheet

PRIMER-PU 100

Polyurethane primer

Description

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

By penetrating 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 to ensure proper adhesion of ISOFLEX-PU polyurethane liquid waterproofing membranes to porous substrates such as concrete, cement screeds, wood, etc.

Technical data

Form:	polyurethane prepolymer
Color:	transparent
Density:	0.99 kg/l
Viscosity:	100-120 mPa·s (+23°C)
Adhesion to concrete:	> 2 N/mm ² (EN 1542)
Elongation at break:	80-120% (EN-ISO 527)
Tensile strength:	≥ 20 N/mm ² (EN-ISO 527)
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 to the substrate by brush, roller or spray prior to the application of ISOFLEX-PU.

Tools must be cleaned with SM-28 special solvent while PRIMER-PU 100 is still fresh.

Consumption

200-300 g/m² depending on substrate absorbency.

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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