

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
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Color: transparent

Density:

0.99 kg/l 100-120 mPa·s (+23°C) Viscosity:

Adhesion to concrete: > 2 N/mm² (EN 1542)

Elongation at break: 80-120% (EN-ISO 527)

Tensile strength: 6.4 N/mm²

(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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The technical information and instructions supplied in this datasheet are based on the knowledge and experience of the Research and Development Department of our company and on results from long-term applications of the product in practice. The recommendations and suggestions referring to the use of the product are provided without guarantee, since site conditions during the applications are beyond the control of our company. Therefore the user is responsible for confirming that the chosen product is suitable for the envisaged application. The present edition of this technical datasheet automatically cancels any previous one concerning the same product. | Edition: 08.6.2021

