

Technical Datasheet

PRIMER-PU 150

Aliphatic polyurethane primer

Description

One-component, transparent, aliphatic polyurethane primer designed to ensure proper adhesion of transparent polyurethane liquid waterproofing membranes and transparent polyurethane coatings to porous and absorbent substrates. Being UV-stable, it features non-yellowing properties.

Fields of application

PRIMER-PU 150 is a ready-to-use primer for ensuring adhesion to various substrates, such as concrete, cementitious industrial floors, screeds, natural stones, etc.

Technical data

Form:	polyurethane prepolymer
Color:	transparent
Density:	0.93 kg/l
Viscosity:	30 mPa·s (at +23°C)
Adhesion to concrete:	> 2 N/mm ² (EN 1542)
Tensile strength:	41 N/mm ² (EN-ISO 527)
Overcoat time:	after 3-4 h (at +23°C)

Directions for use

1. Substrate preparation

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

2. Application

PRIMER-PU 150 is thoroughly stirred and uniformly applied to the substrate with a brush, roller or spray. After 3-4 hours, the transparent polyurethane liquid membrane or the transparent polyurethane coating can be applied.

Tools should be cleaned with SM-28 special solvent while PRIMER-PU 150 is still fresh.

Consumption

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

Packaging

PRIMER-PU 150 is available in metal containers of 0.75 kg and 4 kg.

Shelf life – Storage

Shelf life in sealed containers is 9 months, in frost-free and dry conditions.

Remarks

- Temperature during application and hardening should be between +5°C and +35°C.
- Unsealed containers shall be used as soon as they are opened and cannot be restored.
- PRIMER-PU 150 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 150 contains a maximum of 750 g/l VOC.

ISOMAT S.A.
BUILDING CHEMICALS AND MORTARS
MAIN OFFICES - FACTORY:
17th km Thessaloniki – Ag. Athanasios Road,
P.O. BOX 1043, 570 03 Ag. Athanasios, Greece,
Tel.: +30 2310 576 000, Fax: +30 2310 576 029
www.isomat.eu e-mail: support@isomat.eu