



Desmofloor Primer EPX30

Technical Specifications
 Date of issue: 22/11/2024
 Version Number: 1st

Two-Component Epoxy Impregnation Primer – Solvent-Free



Desmofloor Primer EPX30 is a high-quality, two-component primer based on a combination of epoxy resins and polyamide. It can be applied to any indoor or outdoor masonry surface. Its high adhesion properties, fast drying time, and resistance to chemicals and mechanical stress make it an ideal primer for the long-term protection of all cementitious surfaces. It has excellent penetration properties and can impregnate both porous and non-porous substrates.

Surface Preparation

The surface to be primed must be thoroughly inspected before applying Desmofloor Primer EPX30 to determine the necessary preparation steps. Surfaces with large and extensive cracks should be repaired by sanding to remove loose material, followed by the application of a new fiber-reinforced cement mortar with a mesh. If the surface has large but non-extensive cracks, localized repairs can be made by sanding, removing loose material, and using fast-setting cement or epoxy putty. If cementitious repair materials are used, the surface must remain untreated for 4 weeks to allow moisture to dissipate. The surface should then be sanded using an appropriate machine (with hard stones) to create proper adhesion conditions and maximize material efficiency. Finally, the surface must be thoroughly cleaned using an industrial vacuum cleaner.

Thinning

Ready to use. Do not dilute.

Physical/Technical Characteristics

Color	Transparent
Viscosity	15-17 sec (DIN 53211-CF4, 25oC)
Density	0,90-0,92 kg/lit (ISO 2811.01, 20oC)
Mixing Ratio (A/B)	3A:1B

Application

Before application, mix each component separately.

Then, combine the two components and mix thoroughly until a homogeneous mixture is achieved.

Once mixed according to the specified ratio, apply Desmofloor Primer EPX30 using a brush, roller, spray gun, or airless sprayer in one or two coats, depending on the substrate's absorbency.

The second coat should be applied 20-30 minutes after the first.

Consumption: 100 – 200 g/m².

Drying – Recoating Time

At approximately 25°C:

- **Touch dry:** 24 hours
- **Recoating:** After 16 hours
- **Full surface hardness:** Achieved in 7 days

For **colder or more humid** conditions, allow for extended drying times. **Do not apply** at temperatures below 10°C or when relative humidity exceeds 70%

Coverage

Approximately 5 m²/kg on a properly prepared surface.





Βιομηχανία βερνικιών & χρωμάτων varnishes & paints industry



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Storage

Shelf life: **12 months** when stored in **sealed containers** in a **cool, dry place** at temperatures between **5°C and 40°C**.

Any remaining product should be stored in airtight containers at the same temperature range.

Volatile Organic Compounds (VOC)

The maximum allowable VOC content according to EU Directive 2004/42/EC [Category A/h (Bonding Primers), Type SB] is 750 g/L (2010).

Safety Instructions

Read the label before use. For detailed instructions and precautions, consult the Product Safety Data Sheet.

Poison Control Center: +30 210 77 93 777.



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Σελίδα 2 από 2 / Page 2 from 2