

## MONNELI PRIMER POXY FF\*

*Solvent Free Epoxy Primer*

### Product Description

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PRIMER POXY FF\* is a universal primer for the EPOFINISH and EPOFLOOR product range, its applied on prepared concrete and cementitious substrates to seal the substrate and enhance bonding with top coats. PRIMER POXY FF\* is a two component solvent free epoxy resin that has sealing properties making it ideal for concrete substrates.

### Uses

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PRIMER POXY FF\* is used as follows :

- As a universal versatile primer for resinous flooring and concrete repair systems especially screeds and self smoothing toppings
- Sealing of highly porous cementitious substrates prior to topcoating with EPOFLOOR range

### General Applications

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- Priming of joint edges to receive urethane, epoxy, and polyurea based sealants.
- Priming of concrete slabs and walls to receive solvent free epoxy, urethane, MMA, polyurea, hybrid coatings, screeds and self smoothing toppings.
- Priming of concrete substrates to receive epoxy and urethane based repair mortars.
- Priming of cementitious screeds to receive epoxy, urethane and resinous toppings.

### Instructions for Use

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#### Surface Preparation

The surface should be sound, clean, dry and free from loose and flaking materials, efflorescence, laitance, curing compounds, dirt, oil, grease or other contaminants. Mechanical methods like grinding or grit/captive blasting in order to provide a suitable profiled open textured surface is strongly recommended.

New concrete or cementitious surfaces should be at least 28 days old, have moisture content not exceeding 5% and relative humidity of the concrete is 75% or below. Old or existing floor should be refurbished mechanically to ensure clear sound substrate.

#### Mixing

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Mix PRIMER POXY FF\* as supplied. Add the entire content of hardener can to the base can and mix thoroughly for about 2 minutes.

#### Application

Once mixed, the PRIMER POXY FF\* shall be immediately applied in a thin continuous film using stiff brushes or rollers. Avoid over-application and puddles.

PRIMER POXY FF\* shall be allowed to become tack-free prior to the application of epoxy coating (unless otherwise specified) but well within the open time specified for the given temperature.

#### Cleaning

Clean tools with SOLVENTE 10 promptly before material hardens. Cured material must be mechanically removed.

## Recommendations

- Don't apply the product with imminent rain
- PRIMER POXY FF\* should not be applied on asphalt floor and PVC tiles

## Cleaning

Clean equipment with SOLVENTE 10. In case of spillage, use fine silica or cement to absorb the spill and dispose of according to local regulations.

## Technical Data

Properties	Results
Appearance	Semi –Translucent Creamy Liquid
Solid content	100%
Mix density at 20°C	1.3 kg /L
Pot-life time at 20°C	1 hour
Tack free time at 20°C	18 hours
Adhesion Bond to Concrete	Higher than host concrete cohesive strength.

All values are subject to 5-10 % tolerance

## Consumption

7-10 m<sup>2</sup> / liter per coat according to the porosity of the surface.

## Packaging

PRIMER POXY FF\* is supplied in 15 Liter kits.

## Storage

Store the product in dry closed place with temperature between +5°C and +35°C. In these conditions, the product maintains its stability for 12 months.

## Health & Safety

Avoid contact with skin & eyes. Protective clothing such as gloves & safety goggles should be worn during application.

Treat any splashes to the skin or eyes with fresh water immediately.

Should the product be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately.

Ensure adequate ventilation at site and avoid inhalation of vapors.

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