

## MONNELI PRIMER POXY FF

*Solvent Free High Performance Epoxy Primer*

### Product Description

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Two components solvent free low viscosity epoxy primer. It has an outstanding adhesive bond between the substrate and the epoxy or polyurethane floor coating.

Adheres to a variety of substrate and can be applied as scratch coat with the addition of graduated sand.

### Uses

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PRIMER POXY FF can be used as follows:

- PRIMER POXY FF is used as an adhesion coat on supports like concrete, ceramics, plastic, before other protective or waterproofing coatings, such as, epoxy or polyurethane applications.
- When diluted with 20% SOLVENTE10, it can be applied on porous and absorbent surfaces to improve the surface strength.
- Sealing of highly porous cementitious substrate.

### Advantages

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- Good penetration to substrate
- Excellent mechanical properties
- Excellent water resistance
- Excellent adhesion to concrete, timber, granolithic screeds, masonry paving ... etc.
- Designed for highly porous surfaces
- High wetting properties
- Damp tolerant
- Perfect for use with epoxy, urethane screeds and self smoothing toppings

### Instructions for Use

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#### Surface Preparation

All surfaces should be sound, clean, dry and free from loose and flaking material, efflorescence, laitance, curing compounds, dirt, oil and grease.

New concrete or cementitious surfaces should be allowed to cure and have moisture content not exceeding 5%. Old or existing floor should be refurbished mechanically to ensure clear sound substrate.

Surface irregularities and blow holes shall be repaired with EPOFINISH C, a solvent free epoxy resin repair mortar. Allow the applied material to harden. After all preparation is complete, ensure dust is removed from the surface using an industrial vacuum.

Expansion joints shall be repaired using EPOMORT HS, a high strength solvent free epoxy mortar.

#### Mixing

For preparation of product, pour component B (hardener) into component A (resin) and mix carefully with electric mixer at low number of turns, till obtaining a homogeneous mix. It is always recommended to mix a complete kit at a time.

#### Application

Apply the product with a brush or roller or squeegee in its pure state at a rate of 4-5m<sup>2</sup>/Liter per coat. This rate might vary depending on surface conditions. The primer must be well scrubbed into the substrate to ensure full coverage. Allow the primer to cure (6-8 hrs) before applying subsequent coats. If the primed surface is not overcoated within 24 hours, a fresh coat of primer has to be applied again.

#### 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 forecast
- PRIMER POXY FF should not be applied on asphalt floor and PVC tiles
- PRIMER POXY FF should not be applied on the concrete surface that has greater than 4% maximum moisture content

## Technical Data

Properties	Results
Appearance	Liquid
Color	Clear to reddish
Mix density at 25°C	1.05 kg /L
VOC	13.0 g/L
Viscosity at 25°C	800 - 1000 cps
Pot-life time at 25°C	60 minutes
Drying time at 25°C	4 hours
Recoat after	6 hours at 40°C 12 hours at 20°C

All values are subject to 5-10 % tolerance

## Consumption

4-5 m<sup>2</sup> / liter per coat according to the porosity of the support

## Packaging

PRIMER POXY FF is available in 4 and 15 Liter packing.

## 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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