

Description

One-component, solvent-free polyurethane-based primer, with high adhesion strength.

Fields of Application

- It is used for priming absorbent surfaces such as wood, concrete, cement screed, cement based mortars etc.before polyurethane based waterproofing system.

Properties

- Excellent adhesion to absorbent surfaces.
- Penetrates deeply with high adherence to all mineral and concrete surfaces.
- Dries fast.
- Resistant to abrasion and water.
- Easy to apply by brush or roller.

Preparation of Substrate

- The substrate must be sound, dry, clean and free of any contaminants like dirt, oils, dust etc. That may prevent good adhesion. The surface must be cleaned from all materials like existing coating prior to application.
- Do not wash the surface with water. Moisture content should not exceed 4%.
- New concrete structures need to be cured for at least 28 days.
- Use Tamirart 40 or Tamirart S40 in case of any loose and uneven substrates to get a sound and flat surface.
- Apply Waterproofing Tape on joints and edges. Otherwise horizontal and vertical connections and sharp edges should be smoothed by Tamirart S40 or Kalepolymas.

Application

- For the best results, the temperature during application and curing should be between 5°C and 35°C. Curing time increases at low temperatures.
- Apply Tecnica 3100 P by brush or roller.
- If the substrate is very absorbent, apply two coats of Tecnica 3100 P.
- After 2 - 3 hours (not later than 4 hours) and while the primer is still a bit tacky apply Tecnica 3140 WP polyurethane waterproofing coating.

Post-Application Protection & Suggestions

- Tecnica 3100 P should be applied by trained and experienced professionals.
- Smoking should be avoided during application, and work should be conducted in well-ventilated areas, away from naked flames.
- During application, hands and eyes should be protected with gloves and safety goggles.
- Tecnica 3100 P applied surfaces should be protected from mechanical damages for at least 24 hours. Fresh membrane should be protected from water, dew and similar external factors, dust, dirt and solvents.
- The reaction speed is influenced by the temperature of the ambient and the building structure; higher temperatures accelerate, lower temperatures slow down the reaction.
- If Tecnica 3100 P is applied indoors, a suitable ventilation system should be used.
- Do not apply in extremely hot, rainy, windy weather.
- Do not apply on damp, wet or frozen surfaces.
- Precautions should be taken in areas where water or water vapor is observed from the negative side.
- Before the application, the surface humidity and adherence should be checked and the dew point should be determined.

Storage

- The product should be stored in its original unopened undamaged packaging, in a clean and dry place between +5°C and +25°C and should not be exposed to direct sunlight.
- Protect from water, frost and severe weather conditions.
- Shelf life is maximum 12 months when stored in the original sealed packaging.

Packaging

- 5 kg tin pail

Tecnica 3100 P

Technical Properties

(at 23 °C and 50% RH)

General Data

Appearance	Dark Brown
Shelf Life	12 months when stored in the original packaging
Density	~ 1,1 ± 0,1 g/cm ³
Shore A (ASTM D 2240)	70 ±3
Min. Drying Time	12 hours
Curing Time	24 hours
Consumption (1 mm thickness)	200-300 gr/m ² (for a single coat)

Performance Data

Adhesion to Concrete (DIN EN 24624)	≥ 2,5MPa
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Application Data

Application Temperature	(+5°C) – (+35°C)
Max. Surface Moisture	4%

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