

Rocky EPOX P

Description

ROCKY EPOX P is two components solvent free low viscosity epoxy primer. It has an outstanding adhesive bond between the substrate and the epoxy or polyurethane floor coating. ROCKY EPOX P adheres to a variety of substrate and can be applied as scratch coat with the addition of graduated sand.

Use

ROCKY EPOX P is used as an adhesion coat on supports like steel, concrete, ceramics, plastic, before other protective or waterproofing coatings, such as, Epoxy or Polyurethane applications

Advantages

- Good penetration to substrate
- Excellent mechanical properties
- Excellent water resistance
- Excellent adhesion to concrete, timber, granolithic screeds, masonry paving, mild steel etc.

Technical Properties

Appearance	Liquid
Color	Clear to yellowish
Mix Density at 25°C	1.05 kg /L
VOC	10.0 g/L
Viscosity at 25oC	800 - 1000 mPa's
Pot-life time at 25°C	60 minutes
Drying time at 25°C	4 hours
Re-coat able after	6 hours at 40°C / 12 hours at 20°C

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.

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Application

Apply the product with a brush or roller or squeegee in its pure state at a rate of 4-5m²/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 must be applied again.

For metal supports it is necessary to apply ROCKY EPOX P as soon as possible after the sandblasting in order to avoid the oxidation process start again.

Cleaning

Clean tools with Solvent base cleaner promptly before material harden. Cured material must be mechanically removed.

Recommendations

- Don't apply the product with imminent rain
- ROCKY EPOX P should not be applied on asphalt floor and PVC tiles

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 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 ROCKY SUPERIOR FINISH 3-6, 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.

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.

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Coverage

ROCKY EPOX P is available in 4- and 15-Liter packing

Shelf Life & 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

Important Note

The information in this Technical Data Sheet is based on Rocky-SCM Canada's experience. Rocky-SCM does not accept any liability arising from the use of its products as it has no direct or continuous control over where or how its products are applied. All Rocky-SCM Data Sheets are updates on regular basis. It is the user's responsibility to obtain the latest version.