TECHNICAL DATA SHEET

EPOXY PRIMER

DESCRIPTION

City Paints Epoxy Primer is a solvent-free, two-component modified epoxy primer designed to seal concrete substrates, prevent air release, and enhance adhesion of epoxy coatings and repair systems. It improves substrate integrity and prepares surfaces for high-performance epoxy flooring systems.

FEATURES & BENEFITS

- Reduces porosity of concrete, mortar, and brick
- Excellent impact and abrasion resistance
- Prevents air release that can damage subsequent coatings
- Strong adhesion to concrete and repair mortars
- Easy application by brush or roller
- 100% solids, solvent-free

USES

- Primer for epoxy flooring systems
- Used with:
  - Epoxy Top Floor Coat
  - Epoxy Top Crystal Coat
  - Epoxy Strong Coat
  - Epoxy Repair TEP
- Suitable for well-prepared, mechanically sound substrates

TECHNICAL DATA

Property	Value
Appearance	Clear Liquid
Application Thickness	50–100 microns
Pot Life	45–60 min @ 30°C
Tack-Free Time	4–6 hours
Solids	100%
Flash Point	>60°C
Pull-Off Strength	>2 MPa
Finish	Clear Gloss
Coverage	5 m²/L @ 200 microns
Shelf Life	12 months
Packaging	15 L kit (A+B)
Storage	Cool, dry area below 25°C

METHOD OF USE

Surface Preparation

- Substrate must be clean, dry, and sound
- Concrete must be at least **25 days old**
- Remove laitance by grit blasting, grinding, or scabbling
- For small areas, acid etching may be used
- Remove oil/grease using chemical degreaser

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Mixing & Application

- Mix entire hardener into base for **3 minutes**
- Apply immediately in a thin, continuous film
- Avoid puddling
- Allow to become tack-free before applying epoxy coatings
- Hot substrates accelerate drying

Cleaning

- Clean tools with **City Paints Solvent** immediately
- Hardened material must be removed mechanically

HEALTH & SAFETY

- Avoid contact with skin and eyes
- Ensure adequate ventilation
- Wear gloves, protective clothing, and eye protection
- Do not use solvent on skin
- If swallowed, seek medical attention immediately

DISPOSAL

Absorb spillages with sand/earth and dispose according to local regulations.

LIMITED WARRANTY

Liability is limited to replacement of defective material. Application conditions are beyond manufacturer control.

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