

YASH EPO PRIMER 371



Yash Epo Primer 371

An epoxy resin based primer for flooring and coatings

Description

Yash Epo Primer 371 is a clear high performance primer designed to improve adhesion of various types of epoxy range including coatings, self smoothing and trowel applied products. It can also be used as a sealer and dust proof clear hardener.

Applications

Yash Epo Primer 371 is used as a prime coat to aid improving adhesion of subsequent epoxy layers. One or two coats should be applied depending on surfaces' porosity.

Method of Use

Substrate Preparation

The substrate must be clean, dry, even, dense and free from oil, grease, dust and other contaminants. A clean surface will ensure maximum adhesion between the substrate and the coating. Concrete floors must have a minimum compressive strength of 25 N/mm² and a maximum concrete relative humidity of 75% (max. moisture content of 5%), relative humidity can be measured using a hygrometer. Concrete relative humidity should be less than 75% for concrete 28 days old or more.

Surface Preparation

Unsound layers and contaminated concrete surfaces must be prepared using mechanical surface removing equipment.

Acid etching can be used only in well ventilated areas. Areas deeply contaminated by oil or grease, should be treated by hot compressed air.

Mixing

Prior to mixing, stir individual components of Yash Epo Primer 371. Take care to ensure that bottom and sides are thoroughly scraped, transfer the entire content of hardener into the base and mix for 2 - 3 minutes using slow speed mixer fitted with suitable paddle.

Application

Yash Epo Primer 371 should be applied by brush or short hair lambs wool roller.

Technical Properties @ 25°C:

Appearance	: Brownish clear liquid
Bond strength ASTM D4541-85	: ≥ 1.5 MPa
Mixed density	: 0.95 ± 0.05 g/cm ³
Mixed viscosity	: ≤ 1 poise
Pot life	: 3 - 4 hr
Overcoating time	: 12 - 24 hr

Spread evenly at the recommended coverage rate, avoiding any primer bonding on the floor. Highly porous surfaces may require two coats of Primer.

Cleaning

Yash Epo Primer 371 can be removed by YASH solvent prior to setting.

Packaging

Yash Epo Primer 371 is available in 5 kg packs.

Coverage

Yash Epo Primer 371: 7 m²/kg to give a 80 microns dry film thickness.

Storage

Yash Epo Primer 371 has a shelf life of 12 months from date of manufacture if stored at temperatures between 5°C and 40°C.

If these conditions are exceeded, YASH Technical Department should be contacted for advise.

Cautions

Health and Safety

Yash Epo Primer 371 should not come in contact with skin and eyes.

In case of accidental splashes to the eyes, wash immediately with clean water and seek medical advise.

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Fire

Yash Epo Primer 371 is flammable. Do not use near a naked flame and do not smoke during use.

Flash Point:

Yash Epo Primer 371 : YASH-Solvent: 33°C.

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A wide range of construction chemical products are manufactured by YASH which include:

- Concrete admixtures.
- Surface treatments
- Grouts and anchors.
- Concrete repair.
- Flooring systems.
- Protective coatings.
- Sealants.
- Waterproofing.
- Adhesives.
- Tile adhesives and grouts.
- Building products.
- Structural strengthening.