

Strongcoat Primer S

Solvent based epoxy resin primer for flooring and coatings



DESCRIPTION

Strongcoat Primer S is a clear high performance, solvent-based epoxy primer formulated to enhance the adhesion of various products within DCP epoxy range, including coatings, self-levelling systems, and trowel-applied flooring products.

APPLICATIONS

Strongcoat Primer S is used as a primer to improve the adhesion of subsequent epoxy layers. One or two coats may be required, depending on the porosity of the substrate.

METHOD OF USE

SUBSTRATE PREPARATION

The substrate must be clean, dry, even, dense and free from oil, grease, dust and other contaminants. Ensuring a clean surface is essential for achieving maximum adhesion between the substrate and the coating. For concrete floors, the minimum compressive strength should be 25 MPa, and the relative humidity must not exceed 75%, corresponding to a maximum moisture content of 5%. Relative humidity can be measured using a hygrometer, and for concrete aged 28 days or more, it should remain below 75%.

Unsound layers and contaminated concrete surfaces should be removed using mechanical surface preparation equipment. Acid etching may be employed only in well-ventilated areas, while areas deeply contaminated by oil or grease should be treated using hot compressed air. Proper substrate and surface preparation ensures a durable and long-lasting coating application.

MIXING

Prior to mixing, stir each component of Strongcoat Primer S thoroughly. Ensure that the contents at the bottom and sides of the containers are fully incorporated. Transfer the entire contents of the hardener into the base, then mix for 2 - 3 minutes using a slow-speed mixer fitted with a suitable paddle.

APPLICATION

Strongcoat Primer S should be applied using a brush or a short-hair lambswool roller. Apply evenly at the recommended coverage rate, taking care to avoid ponding of the primer on the floor surface. Highly porous substrates may require the application of two coats to achieve optimal sealing.

TECHNICAL PROPERTIES @ 25°C:

Appearance:	Yellowish clear liquid
Mixed density:	1.0 ± 0.05 g/cm ³
Pot life:	100 - 130 min
Overcoating time:	12 - 24 hr
Bond strength: ASTM D4541	≥ 2 MPa

CLEANING

Tools can be cleaned with DCP Solvent prior to setting.

PACKAGING

Strongcoat Primer S is available in 5 kg and 15 kg packs.

COVERAGE

Approximately 0.2 kg/m² for a dry film thickness of 150 microns.

STORAGE

Strongcoat Primer S has a shelf life of 12 months from date of manufacture if stored at temperatures between 5°C and 25°C.

If these conditions are exceeded, contact DCP Technical Department for advice.

CAUTIONS

HEALTH AND SAFETY

Strongcoat Primer S should not come in contact with skin and eyes.

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

For further information, refer to the Material Safety Data Sheet.

FIRE

Strongcoat Primer S and DCP Solvent are flammable. Do not use near a naked flame and do not smoke during use.

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Note:

We endeavour to ensure that any information, advice or recommendation we may give in product literature is accurate and correct. However, because we have no control over where and how products are applied, we cannot accept any liability arising from the use of the products.

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