

Strongcoat Primer S30

An epoxy resin based primer for flooring and coatings (Formerly known as Quickmast 173)



Description

Strongcoat Primer S30 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

Strongcoat Primer S30 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 Strongcoat Primer S30. 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.

Technical Properties @ 25°C:

Colour:	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:	5 - 6 hr
Overcoating time:	12 - 24 hr

Application

Strongcoat Primer S30 should be applied by brush or short hair lambs wool roller.

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

Cleaning

Strongcoat Primer S30 can be removed by DCP solvent prior to setting.

Packaging

Strongcoat Primer S30 is available in 5 kg packs.

Coverage

7 m²/kg to give a 80 microns dry film thickness.

Storage

Strongcoat Primer S30 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, DCP Technical Department should be contacted for advise.

DCP Saudi Co.

Jeddah Offices

Riyadh Offices

info.ksa@dcp-int.com

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Cautions

Health and Safety

Strongcoat Primer S30 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 advice.

For further information refer to the Material Safety Data Sheet.

Fire

Strongcoat Primer S30 is flammable. Do not use near a naked flame and do not smoke during use.

Flash Point:

Strongcoat Primer S30: 32°C.

DCP-Solvent: 33°C.

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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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