

Strongcoat Primer Range

A range of epoxy resin based primer for flooring and coatings



DESCRIPTION

Strongcoat Primer/S is a clear high performance primer designed to improve adhesion of various types of DCP epoxy range including coatings, self smoothing and trowel applied products. Two products are available, a solvent free primer "Strongcoat Primer" and a solvented one "Strongcoat Primer S.

APPLICATIONS

Strongcoat Primer/S 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.

DCP Products	Strongcoat Primer S	Strongcoat Primer
Strongcoat HB/HB-M/HB400	✓	✓
Strongcoat SL1/SL2/SL3/SL4	✓	-
Strongcoat EN100	-	✓
Strongcoat Topping/T	✓	✓
Strongcoat HD/MD	-	✓
Strongcoat Conductive	-	✓
Strongcoat PA	✓	✓

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.

TECHNICAL PROPERTIES @ 25°C:

	Strongcoat Primer	Strongcoat Primer S
Appearance:	Yellowish clear liquid	
Bond strength: ASTM D4541-85	≥ 2 MPa (concrete failure)	
Mixed density:	1.1 ± 0.05 g/cm ³	1.0 ± 0.05 g/cm ³
Mixed viscosity:	5 - 15 poise	
Pot life:	90 - 120 min	120 - 280 min
Overcoating time:	12 - 24 hr	
VOC:	< 20 g/ltr	< 130 g/ltr

MIXING

Prior to mixing, stir individual components of Strongcoat Primer/S. 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

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

PACKAGING

Strongcoat Primer/S is available in 5 kg packs.

COVERAGE

Strongcoat Primer: 5 m²/kg; 200 micron DFT.
Strongcoat Primer S: 5 m²/kg; 175 micron DFT.



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STORAGE

Strongcoat Primer/S has a shelf life of 18 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.

CAUTIONS

HEALTH AND SAFETY

Strongcoat Primer/S 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.

For further information refer to the Material Safety Data Sheet.

FIRE

Strongcoat Primer S and DCP Solvent are fl ammable. Do not use near a naked fl ame and do not smoke during use.

Flash Point:

Strongcoat Primer: 75°C.

Strongcoat Primer S: 35°C.

DCP Solvent: 33°C.

MORE FROM DON CONSTRUCTION PRODUCTS

A wide range of construction chemical products are manufactured by DCP 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.

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.