

Strongcoat Primer

Epoxy-based primer



DESCRIPTION

Strongcoat Primer is a two-pack, solvent-free epoxy-based primer for use with the DCP range of surface coatings and toppings.

APPLICATIONS

Strongcoat Primer is used as a prime coat to aid improving adhesion of subsequent epoxy layers. One or two coats should be applied depending on the texture, porosity and evenness of the surface being primed.

METHOD OF USE

SURFACE PREPARATION

Ensure that all pinholes and grooves in the prepared substrate are properly filled using suitable epoxy putty materials prior to the application of subsequent layers. This is crucial to prevent pinhole reflection and to achieve a smooth, seamless finish.

The surface must be clean, dry and free from dust, laitance, oils, paints or other forms of contamination. Grit blasting can be used to remove laitance and surface contamination (see the Guide to Surface Preparation for further details).

For treatment of surfaces containing expansion joints consult DCP Technical Department.

MIXING

Taking care to ensure that the bottom and sides are thoroughly scraped, transfer the entire contents of the Strongcoat Primer hardener container into the resin container and, using a Jiffy-type mixer attached to a slow-running electric drill, mix for approximately two minutes.

Note: Never mix Strongcoat Primer by hand as this could lead to areas of uncured material.

APPLICATION

Once mixing is complete, transfer the Strongcoat Primer to a roller tray and, using a medium-pile simulated sheepskin roller, apply it evenly over the surface.

TECHNICAL PROPERTIES

@ 72 ± 4°F (22 ± 2°C):

Mixed density:	1.10 ± 0.05 g/cm ³
Pot life:	20 - 35 min

CURING TIME

At 68°F (20°C), Strongcoat Primer should be allowed to cure for 12 hours prior to it being overlaid. Consult DCP Technical Department for details of curing times at other temperatures.

OVERCOATING

Strongcoat Primer must be overlaid no later than 24 hours after it has cured. Additionally, it must not be contaminated prior to being overlaid.

WORKING CONDITIONS

Strongcoat Primer should not be applied at temperatures less than 50°F (10°C).

CLEANING

Once mixing and application are complete, tools can be cleaned with Tool Cleaner or Quickmast Solvent.

PACKAGING

Strongcoat Primer is available in the following kits:

- » 4.66 US gal (Part A: 2.81 US gal, Part B: 1.85 US gal).
- » 18.65 US gal (Part A: 11.24 US gal, Part B: 7.41 US gal).

COVERAGE

Strongcoat Primer is applied at a coverage rate of 180 - 225 ft²/US gal (4 - 5 m²/kg) to achieve a thickness of approximately 7 to 9 mils (175 to 225 microns). Depending on the state of the substrate, a second coat may be required.

Note: Coverage figures will vary according to the texture, porosity and evenness of the surface on which the Strongcoat Primer is being applied.



Strongcoat Primer

STORAGE

Store at temperatures between 40°F and 86°F (5°C and 30°C).

SHELF LIFE

Approximately 24 months if stored in unopened containers and under good conditions.

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

CAUTIONS

HEALTH AND SAFETY

Consult the appropriate Material Safety Data Sheets prior to using Strongcoat Primer.

WARRANTY

Unless expressly stated otherwise in the Sales Documents, the Limited Warranty shall expire on the expiry date listed on the Product's label or packaging. The full text of DCP's limited warranty is found in DCP's standard terms and conditions of sale (the "Terms"), which are available at [DCP Website/USA – Terms & Conditions](#). DCP's limited warranty is in all cases subject to, and conditioned upon, the Terms.

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.

Don Construction Products Inc.

Lancaster, SC 2970, USA

info.usa@dcp-int.com

www.dcp-int.com

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.

www.dcp-int.com

DCP Building Excellence