

Strongcoat EP Coving Mortar

Epoxy coving material for wall/floor surface joints



DESCRIPTION

Strongcoat EP Coving Mortar is a three pack solvent free epoxy based material that is used to form seamless radius coving at the junction between wall and floor surfaces.

Strongcoat EP Coving Mortar is applied by trowel, is highly durable and has very good resistance to many of the chemicals commonly found in an industrial environment (consult our Technical Department for further details).

APPLICATIONS

Strongcoat EP Coving Mortar is used to provide a radius in a wall and floor junction for a wide range of applications such as:

- » Industrial and commercial kitchens.
- » General food processing and manufacturing plants.
- » Soft drink and beverage production areas.
- » Wet areas.

ADVANTAGES

- » Solvent free, non tainting.
- » Resistant to boiling water and to a wide range of chemicals (consult DCP Technical Department for more details).
- » Hard wearing and excellent impact resistance.

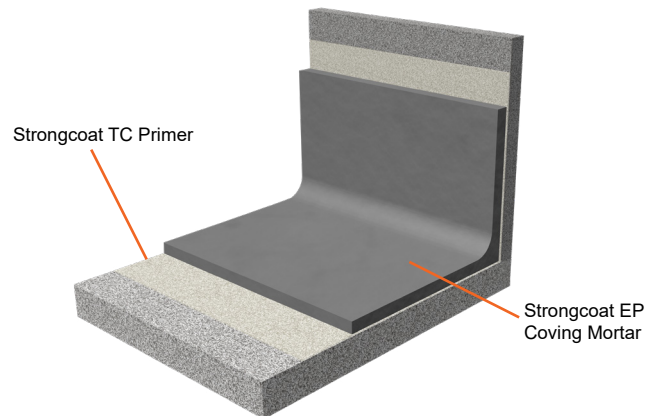
METHOD OF USE

SURFACE PREPARATION

The surface must be clean, dry (less than 75% RH measured by hygrometer) and free of dust laitance, oils, paints or other forms of contamination (see the DCP Guide to Surface Preparation for further details).

PRIMING

Surfaces must be primed with Strongcoat TC Primer prior to application with Strongcoat EP Coving Mortar. Strongcoat TC Primer must be allowed to reach a tacky finish – typically 1 - 2 hours at 20°C.



TECHNICAL PROPERTIES @ 25°C:

Mixed density:	2.00 ± 0.05 g/cm ³
Pot life:	40 - 50 min
Compressive strength: BS EN 13892-2	≥ 40 N/mm ² @ 7 days
Tensile strength: BS 6319-7	≥ 5 N/mm ² @ 7 days
Adhesion strength on concrete: EN 13892-8 EN 1542	≥ 4 N/mm ² @ 7 days (concrete failure)
Flexural strength: EN 13892-2	≥ 15 N/mm ² @ 7 days

MIXING

Taking care to ensure that the bottom and sides are thoroughly scraped, transfer the entire contents of the Strongcoat EP Coving Mortar Part B container into the Part A container and, using a Jiffy-type mixed attached to a slow running electric drill, mix for approximately two minutes.

Once the Strongcoat EP Coving Mortar Parts A and B have been mixed, transfer the entire contents into a Casco or Cretangle-type mixer, taking care to ensure that the bottom and sides are thoroughly scraped.

Start the mixer and transfer to it the entire contents of the Strongcoat EP Coving Mortar Part C container, taking care to ensure that these are completely dry and lump-free. Continue mixing for approximately two minutes.

Important: Never mix Strongcoat EP Coving Mortar by hand as this could lead to areas of uncured material.

Don Construction Products Ltd.

Helions Bumpstead Road, Haverhill CB9
United Kingdom
info.uk@dcp-int.com; info@dcp-int.co.uk
www.dcp-int.com



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APPLICATION

Once mixing is complete, transfer the Strongcoat EP Coving Mortar to the primed surface and, using a combination of straight-edged and coving trowels, apply it evenly over this.

WORKING TIME

Strongcoat EP Coving Mortar has a working time of approximately 10 to 20 minutes at 20°C.

Important: Never leave the mixed Strongcoat EP Coving Mortar kit to stand for any length of time prior to application as this will considerably shorten its working time.

CURING TIME

At 20°C, Strongcoat EP Coving Mortar should be touch dry in about 24 hours and allow 5 days before exposing it to chemical contamination (consult our Technical Department for details of curing times at other temperatures).

CLEANING

Once mixing and application are complete, tools can be cleaned with a suitable solvent.

PACKAGING

Strongcoat EP Coving Mortar is available in 18 kg kits.

COVERAGE

Strongcoat TC Primer: 0.25 – 0.30 kg/m².
Strongcoat EP Coving Mortar: depends on cove radius.

STORAGE

Store at temperatures between 5°C and 30°C.

SHELF LIFE

Strongcoat EP Coving Mortar has a shelf life of approximately 6 months if stored in unopened containers and under good conditions.

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

CAUTIONS

HEALTH AND SAFETY

Consult the appropriate Material Safety Data Sheet prior to using each product.

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.

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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.