

Griptop Cove Pack

Three component polyurethane coving material for wall/floor surface joints



DESCRIPTION

Griptop Cove Pack is a three component water based trowel applied polyurethane resin based coving system. Griptop Cove Pack is used to form seamless radius coving at the junction between wall and floor surfaces.

Griptop Cove Pack is highly durable and when sealed with Griptop Cove Pack Seal has very good resistance to many of the chemicals commonly found in industrial environment (consult our Technical Department for further details).

Griptop Cove Pack can be supplied in a range of colours (consult our Sales Department for further details).

APPLICATIONS

Griptop Cove Pack is designed for applications where high hygienic flooring is required with high resistance against impact, thermal shock, abrasion and chemicals. Griptop Cove Pack is suitable for use in dairies, breweries, food processing areas, cold stores, freezer rooms, kitchens, etc. Griptop Cove Pack can be steam cleaned and is resistant to boiling water and process liquids.

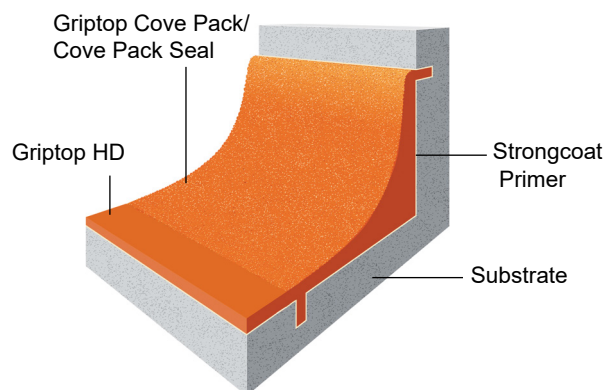
ADVANTAGES

- » Provides hygienic floors.
- » Resistant to boiling water and to a wide range of chemicals (consult DCP Technical Department for more details).
- » Hard wearing and excellent impact resistance.
- » Resistant to thermal shock and to temperatures – 40°C to 120°C at 9 mm thickness; – 40°C to 70°C at 6 mm thickness.
- » Easy to clean.
- » Resistant to freeze/thaw cycles.

Note: Griptop Cove Pack is not colour stable and may discolour on ageing and exposure to UV light, especially with light colours. This will not adversely affect the performance of the product.

TECHNICAL PROPERTIES @ 25°C:

Appearance:	Matt textured surface
Colour:	Available in a range of colours
Mixed density:	2.0 ± 0.05 g/cm ³
Working time:	20 - 25 min @ 25°C 10 - 15 min @ 35°C
Tack-free time:	1 hr
Maximum overcoat time:	48 hr
Full cure:	7 days
Temperature resistance:	– 40°C up to 120°C @ 9 mm thickness – 40°C up to 70°C @ 6 mm thickness
Application temperature:	5 to 35°C
Maximum Wear depth (Griptop Cove Pack Seal/Cove Pack): EN 13892-4	0.01 mm
Bond strength: EN 13892-8	> 2 MPa (concrete failure)
Impact resistance: ASTM D 2794	> 7 N.m
VOC: ASTM 2369	< 20 g/ltr



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METHOD OF USE

SUBSTRATE CONDITION

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).

To ensure a good bond to the substrate, a 20 mm deep x 8 mm wide rebate must be cut around the edges of the floor and wall and running parallel to them, 150 mm from the walls and 100 mm from the floor.

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, such areas should be treated by hot compressed air.

PRIMING

Surfaces must be primed with Strongcoat Primer prior to application with Griptop Cove Pack. The Strongcoat Primer must be allowed to reach a tacky finish, typically 1 - 2 hours at 20°C. More than one coat of primer may be required for highly porous or textured surfaces.

For surfaces with RH between 75 and 85%, prime with 1 coat of Strongcoat DPM and allow curing before priming with Strongcoat Primer.

For surfaces with RH greater than 86%, prime with 2 coats of Strongcoat DPM and allow the second coat to cure before priming with Strongcoat Primer.

MIXING

Taking care to ensure that the bottom and sides are thoroughly scraped, transfer the entire contents of the Griptop Cove Pack Hardener container into the Resin container and, using a Jiff y-type mixer attached to a slow running electric drill, mix for approximately two minutes.

Once the Griptop Cove Pack base and hardener have been mixed, transfer the entire contents of the base container 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 Griptop Cove Pack filler, taking care to ensure that these are completely dry and lump-free. Continue mixing for approximately two minutes.

Never mix Griptop Cove pack by hand as this could lead to areas of uncured material.

APPLICATION

On completion of mixing immediately apply Griptop Cove Pack at the required thickness to Strongcoat primer.

Apply a small amount of Griptop Cove Pack to the floor/wall transition and trowel with a cove trowel of the appropriate radius. Work the cove trowel back and forth with increasing pressure to blend the cove into the vertically and horizontally applied primer. A spoon may be useful when shaping corners of the cove.

Make a final pass with the trowel to smooth any marks in the cove. If necessary, a small amount of light water mist may be used to help reduce trowel drag.

When applying each pack of Griptop Cove Pack, leave approximately 200 mm of the closest working edge untrowelled as this will help the blending in of the next pack.

Take care not to excessively trowel the Griptop Cove Pack as this will lead to burnish marks on its surface.

Note: Never leave the mixed Griptop Cove Pack to stand for any length of time before application, as this will considerably shorten its working time.

WORKING TIME

Griptop Cove Pack has a working time of approximately 20 to 25 minutes at 25°C.

WORKING CONDITIONS

Griptop Cove Pack should not be applied at temperatures less than 5°C and not higher than 35°C.

CLEANING

Tools should be cleaned with water immediately after use.



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PACKAGING

Griptop Cove Pack is available in 18 kg (9 ltr) packs.

COVERAGE

Strongcoat primer: 0.25 – 0.30 kg/m² per coat.

Griptop Cove Pack: Depends on cove radius.

STORAGE

Store in a dry area at temperatures between 5°C and 30°C.

SHELF LIFE

Griptop Cove Pack has a shelf life of 6 months from date of manufacture if stored in un-opened, undamaged, sealed containers, stored under good conditions.

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

CAUTIONS

HEALTH AND SAFETY

Consult the appropriate Material Safety Data Sheet prior to using Griptop Cove Pack.

FIRE

Griptop Cove Pack is nonflammable.

Flash Point:

Strongcoat Primer: 75°C.



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- » Sealants.
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- » 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.