

# Gripdeck Flexcoat 100

Solvent free crack bridging membrane



## DESCRIPTION

Gripdeck Flexcoat 100 is a two-component, solvent-free, flexible membrane used as a crack bridging and waterproof membrane for Strongcoat Terrazzo system and Gripdeck HPW car park decking system.

## APPLICATIONS

Gripdeck Flexcoat 100 crack bridging membrane is recommended for use over concrete to provide a flexible waterproof membrane and as an aid to suppress cracks.

## ADVANTAGES

- » Solvent free.
- » Crack bridging properties.
- » Waterproof.
- » Seamless.

## METHOD OF USE

### SUBSTRATE PREPARATION

The Substrate should be sound, clean and free from contamination. Surface Laitance should be removed by grit blasting or water jetting.

### MIXING

Gripdeck Flexcoat 100 comprises two components, a resin and a hardener, which are supplied pre-weighted in the correct proportions. Under no circumstances should part mixing be carried out.

The contents of each component should be thoroughly stirred separately to disperse any possible settlement. Taking care to ensure that the bottom and sides are thoroughly scraped, transfer the entire contents the hardener component into the base component.

Using a power whisk attached to a slow speed electric drill, mix for approximately 3 minutes and until uniform colour and consistency are achieved.

*Note: never mix Gripdeck Flexcoat 100 by hand as this could lead to areas of uncured material.*

## TECHNICAL PROPERTIES:

Colour:	Yellowish white
Mixed density:	1.30 ± 0.05 g/cm <sup>3</sup>
Volume solids:	100%
Pot life @ 25°C:	60 - 90 min
Over-coating time @ 25°C:	24 hr
Full cure @ 25°C:	7 days
Bond strength over C25/30 concrete: ASTM D4541	≥ 2 MPa @ 7 days (substrate failure)
Shore D hardness: ASTM D2240	≥ 40
Tensile strength: ASTM D412	≥ 2 MPa @ 7 days
Adhesion in peel after water immersion:* ASTM C794 (modified)	≥ 22.2 N (pass)
Elongation at break @ 7 days: ASTM D412	≥ 100%

*\*when primed with Gripdeck Primecoat U.*

## APPLICATION

Once mixed, the material should be immediately applied, ensuring that a continuous coating is obtained. Apply the Gripdeck Flexcoat 100 onto the floor using a brush, roller or squeegee.

## OVERCOATING

Gripdeck Flexcoat 100 may be over-coated as soon as it becomes tack-free within 24 hours.

## CLEANING

All tools should be cleaned immediately using DCP Solvent. Hardened material must be cleaned mechanically.



# Gripdeck Flexcoat 100

## PACKAGING

Gripdeck Flexcoat 100 is available in 18 and 30 kg packs.

## COVERAGE

Approximately 0.65 kg/m<sup>2</sup> per coat to achieve a 500 microns dry film thickness.

## STORAGE

Gripdeck Flexcoat 100 has a shelf life of 12 months from date of manufacture if stored in dry conditions at room temperature in original unopened packs.

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

## CAUTIONS

## HEALTH AND SAFETY

Gripdeck Flexcoat 100 should not come in contact with skin or eyes. Goggles and gloves should be used.

In case of accidental contact with eyes, immediately flush with plenty of water for at least 10 minutes and seek medical advice if necessary.

For further information, refer to the Safety Data Sheet.

## FIRE

Gripdeck Flexcoat 100 is nonflammable.

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- » Surface treatments.
- » Grouts and anchors.
- » Concrete repair.
- » Flooring systems.
- » Protective coatings.
- » Sealants.
- » Waterproofing.
- » Adhesives.
- » Tile adhesives and grouts.
- » Building products.
- » Structural strengthening.

### Note:

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