

GRIPDECK FLEXCOAT

Solvent free polyurethane crack bridging membrane



TECHNICAL DATA SHEET PUBLISHED APRIL 2016

PRODUCT DESCRIPTION

Gripdeck Flexcoat is a two-part, solvent free polyurethane membrane formulated for application by squeegee, roller or brush to concrete and screed substrates primed with **Gripdeck Primecoat E** prior to overcoating with **Gripdeck Primecoat (Bodycoat)** followed by **Gripdeck Wearcoat/ Gripdeck Wearcoat Plus/ Gripdeck Wearcoat TG**.

The uniquely formulated properties of this tough membrane enable it to bridge new cracks opening up to 0.5mm without rupture, retaining the integrity of the coating and therefore preventing the ingress of water.

MATERIALS SUPPLIED

15kg pack size comprising resin base and hardener components.

STORAGE

Store under dry warehouse conditions at a temperature between 10°C and 30°C.

SHELF LIFE

6 months in unopened, undamaged, sealed containers and stored under good conditions.

COVERAGE

The coverage obtained will vary depending on the texture of the surface to which the Gripdeck Flexcoat is applied. As a guide, the coverage should be 1.0kg/m² when applied to a smooth primed surface.

Existing construction joints and cracks should be overbanded with a 100mm wide 'stripe coat' of Gripdeck Flexcoat applied onto Gripdeck Primecoat E prior to general coating of the deck as these areas may be prone to greater movement.

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

For details please see the DCP Guide to Surface Preparation.

TECHNICAL INFORMATION

Working time @ 15°C	10 min
Tack free time @ 15°C	10 hours
Maximum overcoating time @ 15°C	30 hours
Adhesion to primed concrete (N/mm ²)	>1.0 (substrate failure)
Application Temperature Range (°C)	15 to 30
Hardness (shore D)	30
Crack bridging DoT Appendix B Method C(iv)	3.9mm (full system test)
Volume solids (%)	100

MIXING

Gripdeck Flexcoat comprises two components, a Resin Base and Hardener which are supplied preweighed in the correct proportions. Under no circumstances should part mixing be carried out.

Pre-mix the resin component with a power whisk attached to a slow speed electric drill for 1 minute prior to mixing both components.

Taking care to ensure that the bottom and sides are thoroughly scraped, transfer the contents of the resin in to the hardener. Using a power whisk attached to a slow speed electric drill, mix for approximately 3 minutes, ensuring the mixing head is pushed around the sides and bottom of the mixing container. Transfer the contents into another container, scraping down and re-mixing for a further 2 minutes avoiding the entraining of excessive air until a uniform consistency is obtained.

Important: Never mix Gripdeck Flexcoat by hand as this could lead to areas of uncured material. Select an appropriate mixing container that will allow proper and efficient mixing.

APPLICATION

Immediately after mixing is complete, spread the Gripdeck Flexcoat onto the floor using a squeegee and finish using a short or medium pile roller.

Gripdeck Flexcoat is not colour stable and changes may be seen following application and before overcoating. This will not effect the properties of the Gripdeck Flexcoat in any way.

OVERCOATING

Gripdeck Primecoat (Body Coat) may be applied as soon as the Gripdeck Flexcoat becomes tack free. This should be undertaken within 30 hours of application.

CLEANING

Tools should be cleaned with **Quickmast Solvent** immediately after use.

HEALTH & SAFETY

Please consult the appropriate Material Safety Data Sheets prior to using **Gripdeck Flexcoat**.

GENERAL GUIDANCE

This data sheet is for general guidance purposes only and may contain information that is inappropriate for certain conditions of use. Accordingly, all recommendations and suggestions are made without guarantee. Further information is available from our Technical Department.

Please consult our Sales Department to confirm that this data sheet is the current issue.

Don Construction Products Ltd Churnetside Business Park, Station Road,
Cheddleton, Leek, Staffs, ST13 7RS, UK T: +44 (0) 1538 361799

Note:

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