

GRIPDECK WEARCOAT

Solvent free flexible polyurethane wear course



TECHNICAL DATA SHEET PUBLISHED FEBRUARY 2015

PRODUCT DESCRIPTION

Gripdeck Wearcoat is a two-part, solvent free, flexible polyurethane wearing course formulated for easy application by squeegee, roller or brush onto an aggregate blinded surface.

Gripdeck Wearcoat is designed to give excellent abrasion and non-slip characteristics when combined with **Quartz** or **Gripdeck Aggregate**.

Gripdeck Wearcoat is primarily designed for use in car parks and offers excellent chemical resistance against petrol, battery acids, diesel, brake fluids, de-icing salts, etc.

MATERIALS SUPPLIED

5kg and 15kg pack sizes comprising resin base and hardener components.

STORAGE

Store under dry warehouse conditions at a temperature between 15°C and 30°C.

SHELF LIFE

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

COVERAGE

The coverage obtained will vary depending on the type and size of Aggregate used.

As a guide, the coverage should be a minimum of

0.8Kg per m² on a Quartz Aggregate blind.

1.2Kg per m² on a Gripdeck Aggregate blind.

TECHNICAL INFORMATION

Working time @ 15°C	20 min
Tack free time @ 15°C	8 hours
Maximum overcoating time @ 15°C	30 hours
Full Cure @ 15°C	3 days
Hardness (Shore D)	80
Application Temperature Range (°C) (do not apply if precipitation or condensation is likely to result)	15 to 30 (do not apply if the ambient or floor temperature is to fall below 10°C during the first 24 hours)
Volume solids (%)	100
EN 13813 Designation	SR-ARO,5-B2,0-IR10
Abrasion resistance (EN 13892-4)	≤ 50 µm
Thermal compatibility (EN 13687-1&2)	≥ 1.5N/mm ²
Capillary absorption (EN 1062-3)	≤ 0, 1kg.m ⁻² .h ^{-0.5}
Crack bridging ability (EN 1062-7; Static)	≥ 500 µm
Impact resistance (EN ISO 6272-1)	≥ 10 Nm
Adhesion by pull-off (EN 1542)	≥ 2.0 N/mm ²
Slip/skid resistance *	≥ 55 units wet

* Medium aggregate blind



MIXING

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

Taking care to ensure that the bottom and sides are thoroughly scraped, transfer the entire contents of both components into a separate mixing container. 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 Wearcoat by hand as this could lead to areas of uncured material. Premixing of the resin component will aid mixing.

APPLICATION

On completion of mixing immediately apply the Gripdeck Wearcoat by squeegee followed by a short / medium pile roller at the required rate onto the pre-swept blinded surface.

NOTE: Gripdeck Wearcoat is not colour stable and may discolour on ageing, especially the lighter colours. This will not adversely affect the performance of the system.

Gripdeck Wearcoat Plus should be used where light colours or a UV colour stable system is required.

WORKING CONDITIONS

Gripdeck Wearcoat should not be applied at temperatures less than 15°C.

CLEANING

Tools should be cleaned with a suitable solvent immediately after use.

HEALTH & SAFETY

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

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

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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.

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