

# GRIPDECK WEARCOAT TG



## Solvent free flexible polyurethane wear course

TECHNICAL DATA SHEET PUBLISHED APRIL 2011

### PRODUCT DESCRIPTION

**Gripdeck Wearcoat TG** 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 TG is designed specifically for use in warmer climates to give excellent abrasion and non-slip characteristics when combined with **Quartz or Gripdeck Aggregate**.

Gripdeck Wearcoat TG 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

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

12 month 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 m<sup>2</sup> on a Quartz Aggregate blind and 1.2kg per m<sup>2</sup> on a Gripdeck Aggregate blind.

### SURFACE PREPARATION

For details please see the DCP Guide to Surface Preparation.

### TECHNICAL INFORMATION

Working time @ 20°C	20 min
Tack free time @ 20°C	8 hours
Maximum overcoating time @ 20°C	24 hours
Full Cure @ 20°C	3 days
Tensile Strength	10 N / mm <sup>2</sup>
Hardness (Shore D)	75
Wear resistance ASTM C501, CS17 wheels, 1000 cycles, 1Kg weight	0.3g weight loss
Application Temperature Range (°C) (do not apply if precipitation or condensation is likely to result)	15 to 35
Volume solids (%)	100
Slip resistance - typical figures BS 7976 : Part 2 : 2002	Coarse Quartz Aggregate blind TRL slider: 84 dry, 72 wet 4-S slider: 61 dry, 53 wet  Coarse Gripdeck Aggregate blind TRL slider: 90 dry, 64 wet 4-S slider: 99 dry, 75 wet

## MIXING

Gripdeck Wearcoat TG 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 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 TG by hand as this could lead to areas of uncured material. Premixing of the material will aid mixing.**

## APPLICATION

On completion of mixing immediately apply the Gripdeck Wearcoat TG by short/medium pile roller or squeegee at the required thickness depending on requirements.

**Note: Gripdeck Wearcoat TG is not colour stable and may discolour on aging especially on 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.**

## CLEANING

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

## HEALTH AND SAFETY

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

## 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 Office to ensure this data sheet is the current issue.

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**Note:**

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