

# GRIPTOP HB

## High-build polyurethane coating for floor surfaces



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### PRODUCT FEATURES

**Griptop HB** is a two-pack solvent free polyurethane-based highbuild coating that provides floor surfaces with a seamless, hygienic and cosmetically attractive finish.

Griptop HB is applied by brush or roller and has very good durability towards pedestrian and vehicular traffic. It also has very good resistance towards many of the chemicals commonly found in an industrial environment, particularly solvents (consult our Technical Department for further details).

Griptop HB can be supplied in a variety of colours (consult our Sales Department for further details) and slip resistant finishes can be produced for very demanding situations.

### KIT FORM

5Kg

### SPECIFIED COATING THICKNESS

Approximately 500 microns from 2 coats.

### COVERAGE

Approximately 4.5m<sup>2</sup>/kg per coat at the specified coating thickness.

Important: This coverage figure is based on application to a smooth, dense surface. Coverage figures will vary according to the texture, porosity and evenness of the surface on which the GRIPTOP HB is being applied.

### STORAGE

Store at temperatures between 5°C and 30°C.

### SHELF LIFE

Approximately 12 months if stored in unopened containers and under good conditions.

### SURFACE PREPARATION

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. Grit blasting can be used to remove laitance and surface contamination (see the Guide to Surface Preparation for more details).

For treatment of surfaces containing expansion joints, consult our Technical Department.



### TECHNICAL INFORMATION

EN 13813 Designation	SR-AR0,5-B2,0-IR10
Wear resistance (EN13892-4)	≤ 50 µm
Bond strength (EN13892-8)	≥ 2.0N/mm <sup>2</sup>
Impact resistance (EN ISO 6272-1)	≥ 10 Nm

### PRIMING

Griptop HB has excellent adhesion to concrete and priming is not normally necessary. If the substrate is particularly porous a priming coat of **Strongcoat Primer** is recommended. If the substrate has humidity reading of greater than 75% it is recommended that **Strongcoat DPM** be used prior to priming with Strongcoat Primer (please consult the appropriate data sheets).

### MIXING

Taking care to ensure that the bottom and sides are thoroughly scraped, transfer the entire contents of the Griptop HB part B container into the Part A container and, using a Jiffy-type mixer attached to a slow running electric drill, mix for approximately two minutes.

Important: Never mix Griptop HB by hand as this could lead to areas of uncured material.

### APPLICATION

Once mixing is complete, transfer the Griptop HB to a roller tray, and using a medium-pile simulated sheepskin roller, apply it evenly over the surface.

Note: Griptop HB 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.

### WORKING TIME

Griptop HB has a working time of approximately 10 minutes at 20°C.

Important: Never leave the mixed GRIPTOP HB kit to stand for any length of time prior to application as this will considerably shorten its working time.

### CLEANING

Once mixing and application are complete, tools can be cleaned with a suitable solvent.

## CURING TIME

At 20°C, Griptop HB should be allowed to cure for 24 hours prior to opening it to pedestrian traffic. At the same temperature, Griptop HB should be allowed to cure for approximately three days prior to opening it to vehicular traffic or exposing it to chemical contamination (consult our Technical Department for details of curing times at other temperatures).

## SLIP RESISTANT FINISHES

Whilst the Griptop HB is still wet, completely blind it with an appropriate grade of Aggregate (consult our Technical Department for details of Aggregate grades). Allow the Griptop HB to cure for the specified time then vacuum off the excess aggregate. The bound aggregate is then sealed with a further coat of Griptop HB.

Important: The coverage rate of Griptop HB will be considerably reduced when using it to seal Aggregates.

## WORKING CONDITIONS

Griptop HB should not be applied at temperatures less than 10°C.

## HEALTH & SAFETY

Consult the appropriate Material Safety Data sheet prior to using Griptop HB.

## 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 Technical Department to confirm that this Data Sheet is the current issue.

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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.

