GRIPTOP MD

Flow applied polyurethane topping

TECHNICAL DATA SHEET PUBLISHED JUNE 2014

PRODUCT FEATURES

Griptop MD is a three-pack solvent free polyurethane-based topping that provides floor surfaces with a seamless, hygienic and cosmetically attractive matt finish.

Griptop MD is flow applied by trowel to horizontal surfaces and has very good durability towards pedestrian and vehicular traffic. It also has very good resistance to many of the chemicals commonly found in an industrial environment (consult our Technical Department for further details).

Griptop MD can be supplied in a variety of colours (consult our Sales Department for further details).

KIT FORM

19Kg

SPECIFIED THICKNESS RANGE

4-6mm.

COVERAGE

Approximately 2.4m² per kit at 4mm thick.

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 laitance (see the Guide to Surface Preparation for further details). To ensure a good bond to the substrate, a 4mm deep x 3mm wide rebate should be cut around the edges of the floor, 150mm from the walls and running parallel to them.

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

TECHNICAL INFORMATION

EN 13813 Designation	SR-AR0,5-B2,0-IR4
Wear resistance (EN13892-4)	≤ 50 µm
Bond strength (EN 13892-8)	≥ 2.0 N/mm²
Impact resistance (EN ISO 6272-1)	≥ 4 Nm

Griptop HD is non-tainting and has been tested to TES-S-002 by Campden BRI Group (test data available on request).

PRIMING

Surfaces must be primed with **Strongcoat Primer** prior to application of Griptop MD (see Strongcoat Primer data sheet for further details).

- **More than one coat of primer may be required for highly porous or textured surfaces.**

For surfaces with RH between 75 and 85%, prime with 1 coat of **Strongcoat DPM** and allow to fully cure.

For surfaces with RH greater than 86%, prime with 2 coats of **Strongcoat DPM** and to fully cure before priming with Strongcoat Primer.

MIXING

Taking care to ensure that the bottom and sides are thoroughly scraped, transfer the entire contents of the Griptop MD Hardener container into the Resin container and, using a Jiffy-type mixer attached to a slow running electric drill, mix for approximately two minutes. Once the Griptop MD Hardener and Resin have been mixed, transfer all the mixed material into a Casco or Creteangletype mixer, taking care to ensure that the bottom and sides are thoroughly scraped. Start the mixer and transfer to it the entire contents of the Griptop MD Filler container, taking care to ensure that these are completely dry and lump-free. Continue mixing for approximately two minutes.

- **Never mix Griptop MD by hand as this could lead to areas of uncured material.**

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APPLICATION

Once mixing is complete, transfer the Griptop MD to the primed surface and, using a straight-edged steel trowel, apply it evenly.

Note: Griptop MD 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 MD has a working time of approximately 15 minutes at 20°C.

- **Never leave the mixed Griptop MD kit to stand for any length of time prior to application as this will considerably shorten its working time.**

FINISHING

Whilst still wet, thoroughly spike roll the Griptop MD.

CLEANING

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

CURING TIME

At 20°C, Griptop MD can be opened to heavy wheeled traffic after 24 hours. At the same temperature, it should be allowed to cure for five days before exposing it to chemical contamination (consult our Technical Department for details of curing times at other temperatures).

WORKING CONDITIONS

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

SLIP RESISTANT FINISHES

For advice on slip resistant surfaces please consult our technical department.

HEALTH & SAFETY

Consult Material Safety Data Sheet prior to use.

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:
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