



The Chemical Company

# MASTERTOP® 1325 REG

## Noise Reduction Flooring System

### Description of Product

MASTERTOP® 1325 REG consists of a 2 - 4 mm thick self smoothing elastomeric polyurethane flooring system installed on to a 6 mm thick rubber crumb mat fully bonded to the substrate.

It provides a tough and scratch resistant finish with an ergonomically warm, comfortable feel and a high degree of energy absorption.

MASTERTOP® 1325 REG is a seamless floor without joints or welds even around columns and over large open areas.

### Fields of Application

MASTERTOP® 1325 REG is used to provide durable hygienic floors with quiet comfort and stylish functionality.

- Schools and nurseries
- Prisons
- Retail and fashion
- Crèche facilities
- Corporate headquarters
- Office, exhibition and show room floors
- Hospital and old people's homes

MASTERTOP® 1325 REG floors have excellent mechanical properties and offer good abrasion and wear characteristics for dry areas subject to pedestrian traffic.

### Features and Benefits

- Sound deadening and flexible finish produces an ergonomically warm feel

- Joint free, even around columns and over large areas for maximum aesthetic freedom.
- A permanently elastic, wear-resistant surface provides a durable long lasting floor.
- High energy absorption capacity reduces the risk of injury resulting from falls in old people homes and nurseries.
- Monolithically bonded to the substrate.

### Colours

A range of 18 standard colours are available, see separate colour chart. Other colours are available upon request.

### Noise Reduction

Vertical noise reduction: ?L<sub>w</sub> = 19 dB  
As measured by CSTB, Paris.

### Slip resistance

Slip resistance will vary depending upon the method and conditions of application, the nature of any polishes used and the standards of housekeeping. Typically the coefficient of friction as measured using the TRRL slip resistance tester and 4s rubber is as follows

	dry
Smooth floor	85

### Cleaning and maintenance

Suitable trap mats should be installed at entrances open to the street. The use of acrylic polish can provide a degree of shine and help maintain the floor in a pristine condition. A wet clean with mild organic detergents will help keep the floor clean and bright. For

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further information consult separate cleaning and maintenance guidelines.

#### Method Statement

##### Environment

The applicator requires sole access to the floor area throughout the application. The area should be closed to the environment, clean and dust free. Dust from trades in adjacent areas can impair the visual appearance of the finish.

It is prudent to ensure that the floor installation is undertaken as the final operation during refurbishment works to preclude damage by other trades.

For best results, materials, substrate and air temperature should be in the range 15 – 20 °C.

Low temperatures will reduce workability and can impair the visual appearance of the floor.

High temperatures will shorten the open times and can impair the appearance of the floor.

Do not commence work if temperatures are within 3 °C of the dew point or if condensation is likely to occur within 48 hours (at 20°C) of application.

##### Substrate

Specialist finishes should not be applied to concrete with more than 4% moisture by weight. On new concrete with a high residual moisture content use PRIMER 605, see separate data sheet. A functioning damp proof membrane must be installed under on-grade concrete and known to be effective.

MASTERTOP® 1325 REG must be applied to a clean, dry substrate free from dust, dirt, oil, grease and other contaminants. A clean surface will ensure adhesion between substrate and overlay.

Use mechanical methods of surface preparation as dictated by the size of area to be treated, the location and degree of contamination.

The substrate should be sound with a tensile strength exceeding 1.5 MPa. Any repairs to the substrate must be undertaken in good time prior to the application.

##### Joints

MASTERTOP® 1325 REG is elastic enough to accommodate substrate movement. Such joints being routed out and filled with BODYCOAT 325A prior to application of the floor. Structural movement joints however should be continued up through the floor, the joint arris protected with a metal trim and the MASTERTOP® 1325 REG dressed up to either side.

##### Free edges

Use metal edging strips to protect free edges including at abutments to other finishes.

##### Priming

Prime the substrate with PRIMER 601, see separate data sheet, and broadcast evenly with FILLER F5 while the primer is still wet and allow to fully cure.

Concrete substrates must be completely sealed, some substrates may require double priming.

##### Rubber mat

MASTERTOP® MAT 6 is bonded to the substrate using ADHESIVE 170, see separate data sheet.

##### Pore filler

Apply PORE SEALER 231, see separate data sheet, to completely close the surface of the mat.

##### Elastomeric Body Coat

BODYCOAT 325A, see separate data sheet, is applied using pinrake and trowel maintaining a wet edge throughout.

##### Top Coat

Apply TOPCOAT 467P, see separate data sheet.

Optional coloured flake scatter and clear seal may be applied to produce a variety of aesthetic effects.

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#### Warnings and precautions

In its cured state, MASTERTOP® 1325 REG is physiologically non-hazardous.

During installation operatives should consult the CoSHH risk assessment and their work instructions.

### MASTERTOP 1325 Reg BASF Construction Chemicals UK Version 2

#### Health and Safety

\*For full information on Health and Safety matters regarding this product the relevant Health and Safety Data Sheet should be consulted.

The following general comments apply to all products.

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs, (which may also be tainted with vapour until the product is fully cured and dried). Treat splashes to eyes and skin immediately. If accidentally ingested, seek medical attention. Keep away from children and animals. Reseal containers after use.

#### Solvent Based Products

Use in well ventilated areas; avoid inhaling. Suitable respiratory equipment may be needed, eg when spraying. Can cause skin, eye irritation. Wear protective eye shields and gloves during use. Do not smoke or allow sparks or naked lights when stored or in use.

#### Powder Products

Should be handled to minimise dust formation; use light mask if excessive dust unavoidable. Cement powders when wet or moistened can cause burns to skin and eyes which should be protected during use.

#### Resin Products

Can cause irritation, dermatitis or allergic reaction. Use protective equipment particularly for skin and eyes. Use only in well ventilated areas.

#### Spillage

Chemical products can cause damage; clean spillage immediately.

#### Disclaimer:

This information and all further technical advice is based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

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