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# MasterTop<sup>®</sup> 1324

## Resilient, crack bridging, polyurethane flooring system

### DESCRIPTION

A 2-2.5 mm thick self-smoothing resilient polyurethane flooring system provides a tough scratch resistant floor finish suitable for use on substrates subject to vibration and dynamic forces.

MasterTop 1324 is a seamless floor without joints or welds even around columns and over large open areas. Whilst being robust enough for industrial applications, the fully light stable topcoat enables light colours to be used with confidence in bright commercial and retail environments.

### FIELD OF APPLICATION

MasterTop 1324 is used to provide bright durable floors for industrial and commercial applications.

- Production and assembly halls
- Pharmaceutical clean rooms
- Retail and fashion
- Warehousing
- Office, exhibition and show room floors
- Hospital and old people's homes
- Technical areas and plant rooms

In wet areas the antislip finish should be used.

### FEATURES AND BENEFITS

- Flexibility enhances impact resistance and accommodates flexure of suspended substrates
- Joint free, even around columns and over large areas for maximum aesthetic freedom
- Can be installed on to old asphalt substrates
- Monolithically bonded to the substrate
- Seamless coving available without seams or welds even at external corners and columns
- Low emission to AgBB
- LEED certification
- 40 year life cycle costing

### 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	Wet
Standard finish	75	-
Slip resistant finish	60	36

### COLOURS

A range of colours are available contact your local BASF plc, Construction Chemicals office for further information.

### 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 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.



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## SUBSTRATE

Specialist finishes should not be applied to concrete with more than 4% moisture by weight. A functioning damp proof membrane must be installed under on-grade concrete and known to be effective.

MasterTop 1324 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.

Asphaltic substrates must be old and stable, well bonded to the substrate and prepared by captive shot blasting to expose the aggregate.

## JOINTS

MasterTop 1324 is elastic enough to accommodate substrate movement. Such joints being routed out and filled with MasterTop BC375N prior to application of the floor. Structural movement joints however should be continued up through the floor.

## FREE EDGES

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

## PRIMING

Prime the substrate with MasterSeal P2525 and allow to fully cure.

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

## BODY COAT

MasterTop BC375N, see separate data sheet, is

applied using pinrake and trowel maintaining a wet edge throughout.

For a slip resistant finish, broadcast aggregate into the body coat. Once cured encapsulate the aggregate with a further coating of MasterTop BC375N.

## TOP COAT

Apply MasterTop TC442W or MasterTop TC417W, see separate datasheet.

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

## PRECAUTIONS

For the full health and safety hazard information and how to safely handle and use this product, please make sure that you obtain a copy of the BASF Material Safety Data Sheet (MSDS) from our office or our



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