BASF
The Chemical Company

MasterTop ® 100

Natural aggregate surface hardener

DESCRIPTION

MasterTop 100 is a pre-mixed powder designed to be applied as a dry shake over freshly floated concrete floor. **MasterTop 100** creates an aesthetically pleasing, coloured floor with significantly improved abrasion resistance. It is based on selected hard wearing mineral aggregates blended with alkali and light fast pigments and hydraulic binders. **MasterTop 100** is available in various standard colours. A Light Reflective grade is available to order.

RECOMMENDED USES

MasterTop 100 is recommended for treating floor areas not exposed to serious chemical attack and where uniform appearance and enhanced abrasion resistance are desired. Applications include floor areas of:

- Light Industrial and commercial buildings
- Basement and cellars
- Mechanical workshops
- Storage rooms
- Corridors, halls
- Educational institutions
- Parking areas
- Loading platforms

FEATURES AND BENEFITS

- **Uniform and intense colours** - attractive floors. Pleasant working environment.
- **Light and alkali-fast pigments** - durable, non-fading colours.
- **Good abrasion resistance** - minimised maintenance of floor surface
- **Dense surface** - increased resistance to ingress of oil and grease. Easy to clean.

PROPERTIES

Abrasion Resistance (ASTM C779)	0.65mm at 60 minutes (33MPa concrete more than 1.4mm at 60 minutes)
Impact resistance (LA Rattler)	50% weight Loss (33MPa concrete has 70% loss of weight)

See Technical Sheet 22 for explanation of abrasion and impact tests and how they relate to long-term durability of the floor

The performance data is typical and based upon controlled laboratory conditions. Actual performance on the job site may vary from these values based on actual site conditions.

APPLICATION

For information about application, please obtain a copy of the BASF "Application Guide for **MasterTop® 100**" from your local representative.

Preparation of the Concrete

Concrete for single course monolithic floors should be capable of achieving a 28 day compressive strength of 30MPa with a slump of 80mm or less, and with no more than 3% air. Concrete should not contain calcium chloride.

MasterTop 100 is applied as a dry shake over freshly wooden bullfloated concrete

ESTIMATING DATA

Coverage 5 kg / m²

PACKAGING

MasterTop 100 is available in 25kg pack. Available in natural and colours.

SHELF LIFE

MasterTop 100 has a shelf life of 12 months. Store out of direct sunlight, clear of the ground on pallets protected from rainfall.

MASTER® BUILDERS SOLUTIONS

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MasterTop ® 100

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 website.

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STATEMENT OF RESPONSIBILITY	The technical information and application advice given in this BASF Construction Chemicals publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.
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