

# MasterTop<sup>®</sup> 120

## Natural aggregate surface hardener

### MATERIAL DESCRIPTION

**MasterTop 120** is a pre-mixed powder designed to be applied as a dry shake over freshly floated concrete floor. **MasterTop 120** creates an aesthetically pleasing floor with significantly improved abrasion resistance. It is based on selected hard wearing mineral aggregates blended with alkali and hydraulic binders.

### RECOMMENDED USES

**MasterTop 120** 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
- Ldig platforms

### FEATURES AND BENEFITS

- **Uniform Natural colours** - attractive floors. Pleasant working environment.
- **Light and alkali-fast pigments** - durable, non-fading colours.
- **Good abrasion resistance** - minimized 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 Master Builders Solutions "Application Guide for **MasterTop® 120**" 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 120** is applied as a dry shake over freshly wooden bullfloated concrete

### ESTIMATING DATA

Coverage 5 kg / m<sup>2</sup>

### PACKAGING

**MasterTop 120** is available in 25kg pack. Available in natural colour.

### SHELF LIFE

**MasterTop 120** has a shelf life of 12 months. Store out of direct sunlight, clear of the ground on pallets protected from rainfall.

### 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 Master Builders Solutions Material Safety Data Sheet (MSDS) from our office or our website.

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® = registered trademark of a MBCC Group member in many countries of the world

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**STATEMENT OF RESPONSIBILITY**

The technical information and application advice given in this Master Builders Solutions 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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**NOTE**

Field service where provided does not constitute supervisory responsibility. Suggestions made by Master Builders Solutions either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not Master Builders Solutions, are responsible for carrying out procedures appropriate to a specific application.

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