



The Chemical Company

MASTERTOP[®] BC338

2-part solvent-free epoxy self-levelling floor coating

DESCRIPTION

MASTERTOP BC338 is a solvent-free, pre-filled, pigmented 2-part epoxy based self-levelling coating.

FIELDS OF APPLICATION

MASTERTOP BC338 is applied indoor as a self-levelling coating and suitable for medium to heavy industrial wear.

MASTERTOP BC338 is applied to substrates such as concrete and cement screeds. **MASTERTOP BC338** can be applied in a single coat from 0.6 – 0.8 mm using a notched trowel.

FEATURES AND BENEFITS

Due to the nature of its filler **MASTERTOP BC338** is extremely wear-resistant even if exposed to heavy wear and tear. The product is easy to apply and exhibits excellent mechanical strength properties when fully cured.

The yellowing which occur when exposed to UV light does not affect the physical properties of the product. **MASTERTOP BC338** provides good chemical and mechanical resistance.

APPLICATION

Surface Preparation

MASTERTOP BC338 must be applied to primed with two layers of MASTERTOP 1110. Ensure that the substrate is well sealed or scratch primed substrates. The primer has to be load-bearing, free of loose and brittle particles as well as substances which impair adhesion such as oil, grease, rubber skid marks, paint or other contaminants.

The temperature of the substrate must be at least 3°C above the current dew point temperature.

The substrate to be coated must be protected against rising damp (back pressure).

In addition, the guidelines relevant to the requirements for coating concrete substrates apply.

Mixing

Prior to mixing the temperature of the products must be between 15–25°C. Pour Part B into the drum containing Part A and ensure that container B is emptied completely.

To achieve a homogenous mix, both parts must be thoroughly mixed with a mixing device at about 300 rev/min. Ensure that the mixing device reaches side and bottom areas of the mixing vessel. Stir for 1 minute. Add in the X1 and continue to stir for another 1 minute until the colour is uniform. Then gradually add in F13 and mix until the blend is homogeneous and streak free.

Placing

After mixing, **MASTERTOP BC338** is applied to the pretreated substrate, using a notched trowel or scraper. The teeth size should be selected according to the thickness of layer required. To remove air bubbles, spike roll 5–10 minutes after application. The workability of reactive resins is influenced by the ambient and substrate temperature.

At low temperatures the chemical reaction is slowed down; this lengthens the pot life.

At the same time the viscosity increases which leads to a higher consumption. High temperature accelerates chemical reactions so that the time frames mentioned above are shortened accordingly. To fully cure the product the substrate and working temperature must not fall below the minimum.

Curing

Following after application, **MASTERTOP BC338** should be protected from direct contact with water for approximately 24 hours at about 20°C.

CLEANING

Clean the tools and equipment first with rags, then wipe off using a solvent such as Acetone, or Methylisobutylketone before the resin system hardens.

ESTIMATING DATA

At 0.5 to 0.8mm thickness: 0.86 kg/m² to 1.15 kg/m²

PACKAGING

MASTERTOP BC338 is supplied in 12.7kg per set working packs:

Part A resin	6.66kg
Part B hardener	4.0kg
Colour pack X1	0.6kg
Filler F13	1.4kg

Other pack sizes are available on request.

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SHELF LIFE

MASTERTOP BC338 can be stored in original packing for 12 months, if stored in a dry & enclosed place without exposing to direct sunlight at temperatures between 15 to 25°C.

PRECAUTIONS

For Health, Safety and Environmental recommendations, please consult and follow all instructions on the product Material Safety Data Sheet.

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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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