

# MasterEmaco FC 1000

## Putty for cement based substrate resurfacing

### DESCRIPTION

**MasterEmaco FC1000 premix** plaster fine finish is a Grey powder. It is used to achieve proper smoothing of concrete surface and to eliminate irregularities of concrete, bubbles, honey combs or cracks. It can be applied on both, Interior and exterior walls and ceilings. It has better compatibility with the base plaster and forms a durable base for paints, MasterEmaco FC1000 cementitious coat is designed for vertical and overhead use to infill honeycombing and voids up to 3 mm deep in the surface of concrete. It can also be applied as a render from a featheredge up to 3 mm thick and as blowhole filler up to 10 mm deep.

### PRIMARY USES

**MasterEmaco FC1000** As a fairing or skim coat to cover and make good blemishes in concrete surfaces such as slight honeycombing, blowholes, defects caused by 'sand runs', patch repairs, shutter movement and grout loss.

- Preparatory treatment to concrete to receive a thin film protective coating.
- To produce a uniform surface over repaired areas.

### ADVANTAGES

- Precision made, consistent results.
- Requires only the addition of mixing water.
- Shrinkage compensating.
- Excellent adhesion to concrete.
- Flexible.
- Smooth, easily produced finish.
- Low permeability
- Excellent resistance to freeze / thaw action and carbonation
- Ingress of water borne salts, such as chloride and atmospheric / chemical attack.
- Subsequent paint coats can be applied with greater economy.

### PACKAGING

**MasterEmaco FC1000** is supplied in 25 kg Bags.

### TYPICAL PROPERTIES

Appearance	Grey Fine powder
Wet Mix Life	Approx. 1 hrs. @20Deg C
Plastic Density	1700kg/m <sup>3</sup>
Standard	ASTM C348, ASTM C349, ASTM C136, ASTM C807

### SURFACE PREPARATION:

All slight surface imperfections should be made good by the application of MasterEmaco FC1000 as Manufactured by BASF. Applications should be strictly in accordance with the manufacturer's Instructions.

### MIXING:

MasterEmaco FC1000 Coat is formulated to give an easily mixed material. For full bag quantities, it is preferable to mix the material in a Crete angle or similar forced action mixer. Alternatively, a slow speed, hand held electric mixer with a suitable paddle can be used. Over mixing should be avoided. The powder should be placed in the Mixing vessel and mixing commenced. Clean Water should be slowly added up to the Recommended maximum or until the required consistency is achieved. No more than 7.5 litres of water per 25kg of MasterEmaco FC1000 Coat should be added.

### APPLICATION:

MasterEmaco FC1000Coat should be applied to the complete area with the minimum of trowelling. Leave for a short period before final trowelling. Finishing may be aided by flicking a small amount of water onto the surface, using a paint brush before final trowelling. When used as a "scrape coat" MasterEmaco FC1000Coat can be applied with a brush or roller and then the excess scraped off with the edge of a steel float.

In this way blow holes and minor blemishes in an otherwise fair faced concrete can be hidden

### CURING

Good curing practice is essential even though MasterEmaco FC1000Coat is specially formulated to prevent shrinkage and cracking. Particular care is required in hot and windy conditions. Cure with a single coat of MASTERKURE 181 which is compatible with most subsequent protective coatings, or by covering the work with a properly secured plastic sheeting.

### COVERAGE

One 25kg bag of **MasterEmaco FC 1000** will typically yield 16 liters of mortar and will cover approximately 6.3m<sup>2</sup> at 2.5mm thickness.

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## EQUIPMENT CARE

All tools and equipment should be cleaned with air and water immediately after use.

**MasterEmaco FC 1000** must not be left in spraying equipment or delivery hoses

## STORAGE AND SHELF LIFE

Store out of direct sunlight, clear of the ground on pallets protected from rainfall. Avoid excessive compaction.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice consult BASF's Technical Services Department.

## SAFETY PRECAUTIONS

As with other products containing Portland cement, the cementitious material in **MasterEmaco FC1000** may cause irritation. Avoid contact with eyes and prolonged irritation. In case of contact with eyes, immediately flush with plenty of water for at least 15 minutes. Call a physician. In case of contact with skin, wash skin thoroughly.

## NOTE

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local BASF representative. BASF reserves the right to have the true cause of any difficulty determined by accepted test methods.

## QUALITY STATEMENT

This statement is made under condition that the material and usage thereof conform to the terms of our published literature and recognized good workmanship

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