

# MC-Plast Putty (Formerly known as CONMIX CONPUTTY)

## Prelude to paint...

### Description

MC-Plast Putty is a dry premix, smooth finish, leveling compound for internal and external use. It is used to fill small voids, level and smoothen surface irregularities on concrete, sand cement render and various mineral backgrounds prior to the application of paint or wall paper.

### Standards

BS, DIN 52617, ASTM C 109 / 109M

### Application

#### Application Method

**Background:** Surface to be leveled should be clean of any residual mould oil, dust, loose particles and other contaminations.

Apply potable water on the surface to be levelled to neutralize suction. A short time should elapse to allow free water to disperse before applying **MC-Plast Putty** else it may cause de-bonding.

Areas that dry out fast or in high ambient temperatures, the surface should be wetted frequently. As a rule, ensure that the surface is damp before applying **MC-Plast Putty**.

#### Mixing

**MC-Plast Putty** supplied in 25 kg bags has to be mixed with potable water only in a clean plastic bucket. To ensure a homogenous and uniform mix, use a paddle mixer fitted to a slow speed electric drill. The amount of water to be added is approximately 9.0 ltrs per 25 kg bag. Add **MC-Plast Putty** to water, turn the contents of the bag carefully and frequently. Once mixed, allow to stand for 5 minutes and mix again before applying. Mixed putty should be used within 45 minutes.

Mix only quantities that can be applied within 45 minutes at 30°C. Hard and set mortar should not be re-mixed or used.

#### Application

**MC-Plast Putty** mixed as above is applied onto the prepared background using a painter's spatula. Do not use a masons trowel. Build up thickness in thin layers till all surface irregularities are covered. Allow each coat to dry out before applying the next coat. Final coat should be sanded using a fine graded sand paper after **MC-Plast Putty** has dried for atleast one hour.

Paint can be applied on **MC-Plast Putty** after it has completely dried out.

#### Special Notes

**MC-Plast Putty** has to be protected from direct exposure to sun, wind and rain during the application.

The finished putty has to be cured by applying a periodic spray of potable water.

Before applying any kind of stucco finish, paint or wallpaper, the putty has to be allowed to dry out completely, devoid of any moisture.

For application procedure in case of light weight blocks, concrete containing micro silica, GGBS, curing compound or any special additive or building material, MC Technical Service Department will assist upon request..

#### Storage

MC **MC-Plast Putty** must be stored in a dry place, off the ground and well covered. Hard or lumpy material must be rejected.

Mixing Ratio	9.0 ltrs of water per 25 kg bag Water/Powder ratio = 0.36
Approx. Yield *	21.25 ltrs per 25 kg bag
Approx. Coverage *	42.5 m <sup>2</sup> /25 kg bag at 0.5 mm
Curing	Fine spray periodically with potable water for 48 hours
<i>* Typical results under laboratory condition</i>	

## Technical Data

Composition	White Portland Cement, special puzzolonic fillers, chemical improving agents and polymer additives
Binder	White Portland Cement
Aggregate Size	Fine powder (< 75 microns)
Appearance	White powder
Density *	Wet 1.6 kg/ltr Dry 1.5 kg/ltr
Compressive Strength *	10 N/mm <sup>2</sup> @ 28 days
Flexural Strength *	3 N/mm <sup>2</sup> @ 28 days
Working Time	Approx. 45 minutes

\* Typical results under laboratory condition

## General Information

Package Size	25 kg paper bags
Shelf Life	12 months from date of manufacture when stored in dry conditions
Health & Safety	MC MC-Plast Putty is alkaline. Avoid contact with skin, eyes, etc. Skin should be washed with water to remove splashes. Splashes to the eyes should be washed out with copious amounts of clean water and medical attention sought. MC MC-Plast Putty is non-flammable.

### NOTE:

*It is the customer's responsibility to satisfy themselves by checking with the company whether information is still current at the time of use. The customer must be satisfied that the product is suitable for the use intended. All products comply with the properties shown on current data sheets. However, MC-Bauchemie does not warrant or guarantee the installation of the products as it does not have any control over installation or end use of the product. All information and particularly the recommendations relating to application and end use are given in good faith. The products are guaranteed against any manufacturing defects and are sold subject to MC- Bauchemie's standard terms and conditions of sale.*