

# MC-Plast LC11 (Formerly known as LC11 GREY)

## Thin fairing coat...

### Description

MC-Plast LC11 is a pre mix, fine sand cement mortar for internal and external use. It can be used as a thin coat finishing plaster or for localised repair work onto portland cement based backgrounds such as concrete or rendered surfaces.

### Standards

BS5492, BSEN13914-I & II:2005

### Application

#### Application Method

**Background:** MC Skim Coat Plaster MC-LC11 is a premix sand cement mortar for internal and external use. It is recommended as a finishing coat or repair mortar onto Portland Cement based backgrounds such as concrete or rendered surfaces. MC-LC11 is ideal material for dubbing out and levelling of backgrounds or as a thin coat plaster.

The density, smoothness and suction of the background, concrete, render etc. will vary. The work should not be started until the background has been properly prepared. The background should be thoroughly cleaned devoid of dust, loose particles, wood pieces, mould oil etc. The suction in the background should be neutralized by applying potable water. Free water on the surface should be allowed to disperse before applying MC-LC11 else it may cause de-bonding.

#### Mixing

MC-LC11 supplied in 25 kg bags has to be mixed with potable water only, in a clean plastic bucket or a clean, non-corrosive, uncontaminated metal tub. To ensure a homogenous and uniform mix, an electric agitator must be used.

The amount of water to be added is 6 ltrs per 25 kg bag (i.e approximately 24% by weight). Add MC-LC11 to water, turn the contents of the bag carefully and stir frequently. Once mixed, allow to stand for 5 minutes & mix again before applying. No further water should be added to the mix. Hard and set plaster should not be mixed or used.

#### Application

MC-LC11 mixed as above can be applied to the prepared backgrounds in one coat thickness of 3-8 mm. MC-LC11 should be applied to the background with a trowel and levelled. Wet the surface slightly and using a plastic float the surface can be rough finished.

If necessary, the surface can be closed with a steel trowel & finished smooth, however overworking should be avoided. MC Technical Service Department will assist in these procedures upon request.

#### Special Notes

The finished plaster should be water cured for a period of 2 days (3-4 times daily).

Before applying any kind of Stucco Finish, paint or wallpaper, the plaster has to be allowed to dry out completely, devoid of any moisture.

For application procedure in case of light weight blocks, GGBS, concrete containing micro silica, curing compound or any special additive or special building material, kindly contact MC Technical Service Department for assistance.

#### Storage

MC-LC11 must be stored in a dry place, off the ground and well covered. Hard or lumpy material must be rejected

Mixing Ratio	6 ltrs of water per 25 kg bag Water/Powder ratio = 0.24
Approx. Yield *	17 ltrs per 25 kg bag
Approx. Coverage *	4.25 m <sup>2</sup> per bag at 4 mm thickness
Curing	Minimum 48 hours by potable water

\* Typical results under laboratory condition

**Technical Data**

Composition	Portland Cement , hydrated lime, processed sand, fibre and chemical additives.
Binder	Portland Cement
Aggregate Size	0 - 0.6 mm
Appearance	Granular powder available in grey & white colours
Density *	Wet: 1.80 kg/ltr    Dry: 1.6 kg/ltr
Compressive Strength *	8 N/mm <sup>2</sup> @ 28 days
Flexural Strength *	2 N/mm <sup>2</sup> @ 28 days
Working Time	Approx. 45 minutes
<i>* Typical results under laboratory condition</i>	

**General Information**

Package Size	25 kg paper bags
Shelf Life	12 months from date of production when stored under dry conditions

>> Specialized Plaster & Mortars

**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.*