

MC-Plast GLP1A (Formerly known as GLP1A)

Ideal internal plaster...

Description

MC-Plast GLP1A is a dry pre mix, gypsum lime plaster for use on internal walls and ceilings of rooms where normal humidity prevails. It combines ease of application with a smooth and aesthetic finish and is an ideal base for paints as well as wall papers. It can be applied with a suitable plastering machine or by hand in accordance to BSEN13279-1:2005

Standards

ASTMC28, 207, BS5492 & BSEN13279-1:2005

Application

Application Method

Background: The fair faced concrete background and the concrete blocks should be thoroughly cleaned using a stiff brush to remove any dust, loose particles, wood pieces, mould oil etc.

The suction in the background of both fair faced concrete and block work should be neutralized by applying potable water.

Free water on the surface should be allowed to disperse before applying MC-Plast GLP1A.

Preparation of normal fair faced concrete surface

MC Bonding Rush Coat - BRC mixed with appropriate amount of potable water (approximately 19% by weight i.e. 4.75 ltrs per 25 kg bag) using a mechanical mixer, should be spray applied on the prepared fair faced concrete surface.

A rough texture has to be obtained to provide a mechanical key for the subsequent coat of MC-Plast GLP1A. The applied BRC should be water cured for a period of 2 days (3-4 times daily) before applying MC-Plast GLP1A.

MC "AUTEX" Fibre Glass Mesh/Expanded metal Lath (As approved by the consultant) to be fixed at all junctions of dissimilar backgrounds (i.e. fair faced concrete and block work) or a groove has to be formed at the junction while the plaster is still soft.

Mixing

MC-Plast GLP1A supplied in 25 kg bags has to be mixed with potable water only, in a clean plastic bucket or clean non-corrosive, uncontaminated metal tub. To ensure a

Application

Mixed MC-Plast GLP1A can be applied in a single coat onto the prepared background up to a thickness of 10 - 20 mm. The surface can be brought to a very smooth finish by employing a finishing technique consisting of levelling, scraping, sponging, troweling and polishing the applied MC-Plast GLP1A. If a plaster machine is used, then the plaster is applied in a continuous operation and finished manually to the specified thickness to meet the requirements of BSEN13279-1:2005.

MC Technical Service Department will assist in these procedures upon request.

Special Notes

The applied MC-Plast GLP1A should be allowed dry out as quickly as possible. Windows & doors should be kept open & maximum ventilation should be permitted. MC-Plast GLP1A should not be water cured.

Before applying any kind of stucco finish, paint or wall paper, the plaster has to be allowed to dry out completely, devoid of any moisture. For application procedures in case of light weight blocks, concrete containing micro silica, GGBS curing compound or any special additive or special building material, kindly contact MC Technical Service Department for assistance.

Storage

MC-Plast GLP1A must be stored in a dry place, off the ground and well covered. Hard or lumpy Material must be rejected.

homogeneous and uniform mix, an electric agitator must be used.
 The amount of water to be added is 8.2 ltrs per 25 kg bag (i.e. approximately 33% by weight). Add the **MC-Plast GLP1A** to water, turn the contents of the bag carefully and stir frequently. Once mixed, allow to stand for 5 minutes and mix again before applying. No further water should be added to the mix. Hard and set plaster should not be re-mixed or used. If a plaster spray machine is used, the mixing is carried out automatically.

Mixing Ratio	8.25 ltrs of water per 25 kg bag Water/Powder ratio = 0.33
Approx. Yield *	20.6 ltrs per 25 kg bag
Approx. Coverage *	1.56m ² per bag at 13 mm thickness
Curing	Water curing is not required

** Typical results under laboratory condition*

Technical Data

Composition	Hemi-hydrated gypsum, hydrated-lime, oven dried white sand and chemical improving agents
Binder	Hemi-hydrated Gypsum
Aggregate Size	0-1 mm processed sand
Appearance	Off White granular powder
Density *	Wet: 1.6 kg/ltr Dry: 1.4 kg/ltr
Compressive Strength *	5.0 N/mm ² @ 28 days
Flexural Strength *	1.2 N/mm ² @ 28 days
Working Time	Approx. 40 minutes

** Typical results under laboratory condition*

General Information

Package Size	25 kg paper bags
Shelf Life	12 months from date of manufacture when stored under warehouse conditions
Cleaning	Clean all equipments and tools with water immediately after use

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.