

MC-Plast SP2 (Formerly known as D.P. SP2)

Medium textured decorative finish...

Description

MC-Plast SP2 is a dry pre mix, medium textured finishing coat. Special trowel application will provide a classic texture. Thickness is approximately 2-3 mm. Available in various colours.

Standards

BSEN998-1, BSEN13914-1, BSEN13914-2 & BS5492

Application

Application Method

Background: It is recommended that MC-Plast SP2 should be applied over a Portland Cement based render mix type-II (BS5262) which is rough finished using either a wooden or plastic float. Where the render has to be applied over dissimilar backgrounds i.e. concrete and block work (prior to the application of SP2), it is important that the substrates are sound, free of undue shrinkage, structural, tensile and thermal movements. The rendered background should be cured with water for a period of 2 days (3-4 times daily) and allowed to harden before applying SP2.

Preparation of normal fair faced concrete surface

The background for application of SP2 should be clean, free of dust deposits, loose mortar, chemical impurities (salts and sulphates) and other contaminations which may adversely affect adhesion and cause variation in colour of the SP2.

It is essential to neutralize the suction of the background before SP2 is applied. This is done by applying potable water evenly on the surface. A short time should elapse to allow the free water to disperse before applying SP2 else it may cause de-bonding and variation in colour of the finished product.

Mixing

SP2 supplied in 25kg bags must be mixed with potable water only, in a clean plastic bucket or clean non-corrosive, uncontaminated metal tub. To ensure a homogeneous and uniform mix, an electric agitator must be used. The amount of water to be added is approximately 5.5 ltrs per 25 kg bag of SP2 (i.e. 22% by weight) and should be constant for every batch. Add SP2 to

Application

Apply the mixed SP2 onto the prepared background to a thickness for approximately 2-3 mm, float finish with a plastic float, working over the surface in a circular, horizontal or vertical directions to achieve an even and textured decorative plaster. MC Technical Service Department will assist in these procedures upon request.

Special Notes

SP2 has to be protected from direct wind, sunlight and rain during application.

SP2 should be applied in one continuous operation up to angles, features or in panels to prevent joints showing on the finished surface.

SP2 has to be water cured for at least 2 days (3-4 times daily) by applying a fine mist spray of potable water over the entire surface.

Storage

MC-Plast SP2 must be stored in a dry place, off the ground and well covered. Hard or lumpy material must be rejected.

Mixing Ratio	5.5 ltrs of water per 25 kg bag Water/Powder ratio = 0.22
Approx. Yield *	17.75 ltrs per 25 kg bag
Approx. Coverage *	7.1 m2 per bag at 2.5 mm thickness
Curing	Minimum 48 hours by potable water

* Typical results under laboratory condition

water, turn the contents of the bag carefully adding small amounts at a time into the container. Stir frequently and mix each batch for the same period of time. Once mixed, allow to stand for 3-5 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.

Technical Data

Composition	White Portland Cement, marble chips, hydrated lime, non-fading pigments and chemical improving agents.
Binder	White Portland Cement
Aggregate Size	0-3.5 mm
Appearance	Fine granular powder, available in different colours
Density *	Wet : 1.7 kg/ltr Dry : 1.65 kg/ltr
Compressive Strength *	6 N/mm ² @ 28 days
Flexural Strength *	1 N/mm ² @ 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 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.