



CONMIX LTD.

DECORATIVE PLASTER ROLL EASY - SP1

Roller applied decorative finish...

Roll Easy SP1 is a dry pre mix, heavy or light textured finishing coat. It is a roller application for external or internal finishes. Thickness is approximately 1-1.5 mm. Available in various colours.

TECHNICAL DATA

Composition	:	White Portland Cement, marble chips, hydrated lime, non-fading pigments and chemical improving agents.
Binder	:	White Portland Cement
Aggregate Size	:	0-0.5 mm
Appearance	:	Fine granular powder, available in different colours
Mixing Ratio	:	13 ltrs of water per 50 kg bag. Water/Powder ratio = 0.26
Approx. Yield/Coverage *	:	39 ltrs per 50 kg bag; 26 m ² per 50 kg bag at 1.5 mm thickness
Density *	:	Wet : 1.6 kg/ltr Dry : 1.5 kg/ltr
Compressive Strength *	:	7 N/mm ² @ 28 days
Flexural Strength *	:	2 N/mm ² @ 28 days
Pack Size	:	50 kg paper bags
Shelf Life	:	12 months from date of production when stored under dry conditions
Working Time	:	Approx. 45 minutes
Curing	:	Minimum 48 hours by potable water
Specification	:	BSEN998-1, BSEN13914-1, BSEN13914-2 & BS 5492

* Typical results under laboratory condition

APPLICATION METHOD

BACKGROUND

It is recommended that Conmix Decorative Plaster Roll Easy-SP1 should be applied over a Portland Cement based render mix type-II (BSEN13914-1) 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 SP1), 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 SP1.

Application tools





Preparation of normal fair faced concrete surface

The background for application of SP1 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 SP1.

It is essential to neutralize the suction of the background before SP1 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 SP1. On no account should SP1 be applied over wet backgrounds as this will cause de-bonding and variation in colour of the finished product.

MIXING

SP1 supplied in 50 kg 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 13 ltrs per 50 kg bag of SP1 (i.e. 26% by weight) and should be constant for every batch. Add SP1 to 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 material should not be re-mixed or used.

APPLICATION

SP1 can be applied using the following technique.

The mixed SP1 is applied to the prepared background to a thickness of 1.5 mm using a roller. Light, medium or heavy textured finish can be obtained by moving the roller in a vertical or horizontal direction over the applied surface.

Conmix demonstration team will assist in these procedures upon request.

SPECIAL NOTES

SP1 has to be protected from direct wind, sunlight and rain during application. SP1 should be applied in one continuous operation up to angles, features or in panels to prevent joints showing on the finished surface. SP1 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

Conmix SP1 must be stored in a dry place, off the ground and well covered. Hard or lumpy material must be rejected.