



CONMIX LTD.

DECORATIVE PLASTER CONWAVE - SP2

Medium textured decorative finish...

Conwave 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.

TECHNICAL DATA

Composition	:	White Portland Cement, marble chips, hydrated lime, non-fading colour pigment and chemical improving agents.
Binder	:	White Portland Cement
Aggregate Size	:	0-3.5 mm
Appearance	:	Granular powder, available in different colours
Mixing Ratio	:	11 ltrs of water per 50 kg bag Water/Powder ratio = 0.22
Approx. Yield/Coverage *	:	35.5 ltrs per 50 kg bag; 13 m ² per bag at 2.5 mm thickness
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
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 & BS5492

* Typical results under laboratory condition

APPLICATION METHOD

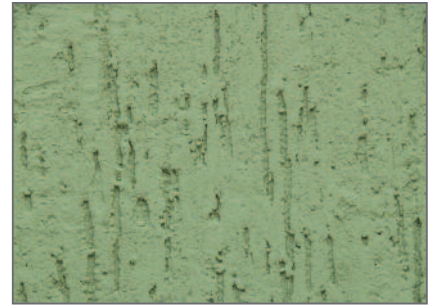
BACKGROUND

It is recommended that Conmix Decorative Plaster-SP2 should be applied over a Portland Cement based render mix type-II (BS 5262) 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.

Application tools





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 SP 2.

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. On no account should SP2 be applied over wet backgrounds as this will cause de-bonding and variation in colour of the finished product.

MIXING

SP2 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 11 ltrs per 50 kg bag of SP2 (i.e. 22% by weight) and should be constant for every batch. Add SP2 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 plaster should not be re-mixed or used.

APPLICATION

SP2 can be applied using the following techniques.

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.

Conmix demonstration team 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

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