



Quality beyond Innovation

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DECOPLAST-SP1

Spray or Roller Applied Textured Decorative Finish

Description

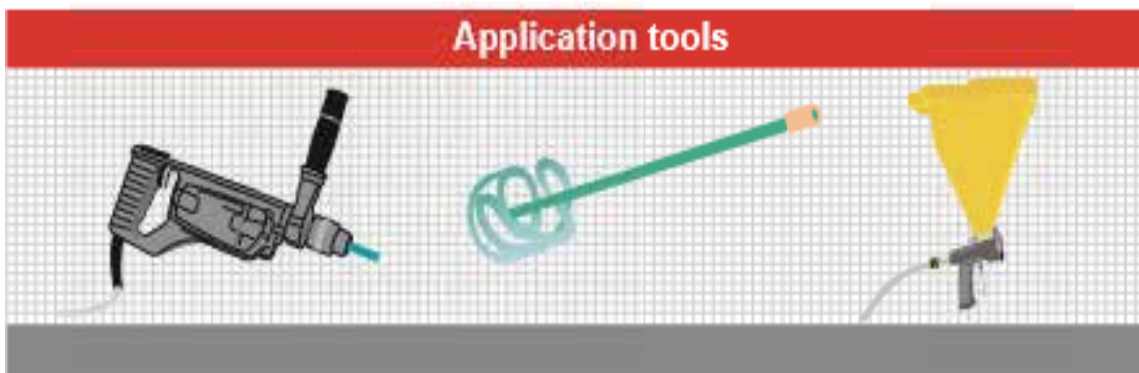
DECOPLAST-SP1 is a dry pre-mix, heavy or light textured finishing coat. It is a spray or roller applied for external and internal finishes. Thickness is approximately 1-1.5 mm available in various colors.

Technical Information

Composition	:	White Portland cement, silica sand, 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 various colors
Mixing Ratio	:	7 ltrs of water per 25 kg bag, Water/Powder ratio = 0.28
Approx. Coverage	:	12-14 m ² per 25 kg bag at 1-1.5 mm thickness
Mix Density	:	1.6 kg/ltr
Compressive strength	:	7 N/mm ² @ 28 days
Flexural Strength	:	2 N/mm ² @ 28 days
Packaging	:	25 kg bag
Shelf Life	:	12 months from date of production when stored under dry condition
Working time	:	Approx. 45 minutes
Curing time	:	24 hours
Specification	:	BSEN 998-1, BSEN 13914-1 & BSEN 13914-2
VOC	:	<0.1 g/L

**Typical results under laboratory condition*

Application tools



Application Method

Background

It is recommended that **DECOPLAST-SP1** should be applied over a Portland cement based render which is rough finished using either a wood or plastic float. Where the render is to be applied over dissimilar backgrounds i.e. concrete and blocks work (prior to the application of **DECOPLAST-SP1**), it is important that the substrates are sound, free of undue shrinkage, structural, tensile and thermal movements. The render background should be cured with water for a period of 2 days (3-4 times daily) and allowed to harden before applying **DECOPLAST-SP1**.

Preparation of Normal Fair Faced Concrete Surfaces

The background for application of **DECOPLAST-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 color of **DECOPLAST-SP1**. It is essential to neutralize the suction of the background before **DECOPLAST-SP1** is applied. This is done by applying clean potable water evenly on the surface. A short time should elapse to allow the free water to disperse before applying **DECOPLAST-SP1**.

Mixing

DECOPLAST-SP1 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 approx. 7 ltrs per 25kg bag of **DECOPLAST-SP1** (i.e. 28% by weight of powder) and should be constant for every batch. Add the **DECOPLAST-SP1** to water, turn the contents of the bag carefully adding small amount 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

The mixed **DECOPLAST-SP1** is applied to the prepared background to a thickness of 1-1.5mm using a spray or roller. Light, medium or heavy textured finish can be obtained.

Special Notes

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

Storage

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

Health and Safety

Gloves, goggles & suitable mask must be worn.

Technical Service

Philippine SkyBird Industrial Corp. Services are available on request for on-site support to assist in the correct use of its products.