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SUPER PLAST C2

Polymer Modified, Cementitious Thin Skim Coat

Description

SUPER PLAST C2 is a polymer modified cement-based white skim coat for leveling and smooth finishing over cement renders and concrete substrates. It can be applied by hand or spray machine.
SUPER PLAST C2 is specially formulated from Portland cement, graded filler, polymer resin, lime, and special additives to provide high workability and adhesion with water resistance. It is recommended for applications in a thickness up to 2 mm per layer.

Features & Benefits

- Ready mix, controlled quality
- Easy to apply manually or with spray machine
- Smooth finishing, Water resistant.
- Excellent Workability
- Shrinkage controlled
- Good bond strength on cement/concrete surfaces.
- Suitable for hot weather.

Uses

SUPER PLAST C2 can be applied as a thin coat skim coat in thickness up to 2 mm in a single layer.
It can be use internally and externally on cement/ concrete surfaces.
It can be applied on ceilings and walls as a thin skim coat layer.
Suitable for smoothing surfaces before painting.
Can be applied on cement boards, concrete, cement renders, and AAC block.

Technical Properties

Appearance	Fine powder
Color	White
Mix Density	1,500 Kg/m^3 approx.
Pot life	≥60 minutes
Application Thickness	≤ 2 mm
Adhesion to surface	≥0.5 N/mm^2 @ 28 days
Setting time	8-9 hrs @ 25 ^{o}C
Water absorption	≤0.35 Kg/m^2
Fire resistance (UNI EN 13501-1)	Class A1

All values are subject to 5-10% tolerance

Standards Compliance:

- ASTM C926. C1583, C109
- BS 5492, 1881
- EN 1542, EN 1015

Application Procedures

Surface preparation:

Concrete substrate must be structurally sound. Loose or unsound concrete should be removed. Surfaces must be entirely free of oil, grease, paint, corrosion deposits, dust, laitance or other surface deposits.
After surface preparation has been completed, the substrate should be soaked with water and not allowed to dry out. It should be in a saturated surface dry (damp) condition at the time of application of SUPER PLAST C2.

Mixing Instructions:

SUPER PLAST C2 bag of 20kg should be mixed with 7.5 - 8.5 ltr of clean water, use suitable low speed electrical mixer with mixing speed of 200-300 rpm until a uniform lumps free consistency mix achieved. Leave the mix to stand for 5 minutes and remix before use.

In case of application by using spry machine, adjust the water level to get suitable mix viscosity with uniform consistency.

Application Instructions:

The mixed material should be applied immediately after mixing is completed. Apply using a steel trowel or spray machine to the required thickness; allow to partially stiffen, then finish using a trowel to achieve a uniform

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dense surface. Do not use water to finish the surface. if thickness higher than 2mm is required to be achieve, apply SUPER PLAST C2 in two layers. Apply the first layer in rough finish. Apply the second layer after minimum 24 hours then smooth finish with trowel.
In some cases when high bonding is required, replace 2 Ltr. of mixing water with ULTRABOND PVA and adjust the mixing ratio with powder to achieve suitable consesstancy.

Curing

SUPER PLAST C2 is a self-cured product and doesn't require curing.

Coverage

1.5 kg of **SUPER PLAST C2** will cover 1 m^2 at thickness of 1mm.

Packaging

SUPER PLAST C2 is available in 20kg bag.

Storage

Keep the product in dry and sheltered place at temperature between +5°C to +35°C. In these conditions and in closed original containers, the product will have a shelf life of at least 12 months.

Health and Safety

Wear gloves, goggles to avoid any contact with eyes and skin. In case of splashes in the eyes wash abundantly with warm water and consult a doctor.

For further information or particular use, contact SBI Technical Department.

Quality & Care

All products produced in SBI facilities are manufactured under a management system certified to conform to the requirements of the quality and environmental health & safety standards ISO 9001 & ISO 14001.

SBI products are guaranteed against defective materials and manufacture and are sold subject to its standard Conditions for the Supply of Goods and Service. All SBI datasheets are updated on a regular basis. It is the user's responsibility to obtain the recent version.

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