TECHNICAL DATA SHEET

SUPER PLAST C25

Ready-Mix Cementitious Plaster

Description

SUPER PLAST C25 is ready to use cement-based plaster. It is specially formulated for exterior and interior leveling and filling work for concrete. It gives smooth, and shrinkage compensated layer.
SUPER PLAST C25 consisting of Portland cement, silica sand, special graded aggregates, synthetic polymer, fiber and chemical additives. It can be applied traditionally by hand or by using plaster-spraying machine.

Features & Benefits

- Pre-packed, Factory controlled quality
- Easy to apply manually or by spray machine
- Ready to use just require mixing with water
- Environment friendly
- Shrinkage controlled
- Formulated for hot weather climate
- Good strength, durable

Uses

SUPER PLAST C25 is a fast and economical way to leveling and plastering uneven substrates bricks, cement block, concrete and aerated concrete walls. In case of application on smooth surface or concrete contains micro silica; dash spatter coat of **SUPER RUSH** should be applied to provide mechanical bonding with the surface.
SUPER PLAST C25 can be used as base coat plaster in a thickness up to 25mm per coat.

Technical Properties

Appearance	Cementitious mix
Dry Density	1,650 Kg/m^3 approx.
Compressive strength	5.0 N/mm^2 @ 28 days
Flexural Strength	2.0 N/mm^2 @ 28 days
Adhesion to surface	≥0.3 N/mm^2 @ 28 days
Workability time	40 min @ 25 °C
Curing	Min. 2 days

All values are subject to 5-10% tolerance

Standards Compliance:

- ASTM C387, C150, C897& C926
- BS 4551 & 1015
- BS 5262, 5492, BS EN 998-1

Application Procedures

Surface preparation:

Concrete surface must be free from dust, loosely adhered material, plaster and cement droppings, grease, oil, paints etc.
All curing compound films and shuttering oil should be removed to ensure good adhesion for the key coat.
Absorbent and porous substrates should be moistened with water prior to the application of Plaster.
In order to improve the adhesion on concrete precast or smooth concrete , it is strongly recommended to apply **SUPER RUSH** key coat on the substrate before applying **SUPER PLAS C25**. Type of key coat depends on the substrate. There are three types of key coats, please refer to the products data sheet or contact SBI Technical Dept. to select the proper type.
Do not apply **SUPER PLAST C25** on surface subject to movement, vibration or mechanical impacts

Mixing Instructions:

To prepare the mixture, pour 7.5- 9 liters of clean water into container and add slowly the content of **SUPER PLAST C25** (50 Kg bag). Mix using spiral paddle in slow speed heavy duty drill for 3-5 minutes till a homogeneous lump free consistency mix is achieved. In case of application by using spray machine, adjust the water level to achieve suitable consistency.

Application Instructions:

SUPER PLAST C25 can be applied manually or by using spray machine direct on the surface in one coat of a thickness up to 25 mm.
If thickness higher than 25 mm is required to achieve, apply **SUPER PLAST C25** in two layers. Apply the first

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layer in a rough texture to provide mechanical key for the second coat. Cure the applied plaster with clean water for two days before applying the second coat.
Once the plaster starts to set, smooth / even by using wood/ plastic float and steel trowel. Plaster should be cured with water for minimum 2 days.
During summer season, working area should be covered to prevent direct sun effects. Keep equipment cool and use cold water.

Yield/ Coverage

16 - 17 kg of **SUPER PLAST C25** will cover 1 m^2 at thickness of 10mm.

Packaging

SUPER PLAST C25 is available in 50kg bag.

Storage

Keep the product in dry and sheltered place at temperature between +5ºC to +35ºC. 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.

PRODUCT CONFORMITY
AL SA'FAT - GREEN BUILDING
Certificate No. CL21020772

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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