TECHNICAL DATA SHEET

SUPER PLAST C8

Polymer Modified, Fiber Reinforced Plaster (3- 10mm)

Description

SUPER PLAST C8 is a special blended pre-mixed powder for thin coat plaster finish on wall and ceiling or on plastering surface. It is a water-resistant plaster which can be used in dry and / or wet interior and exterior conditions. It is suitable for hand and spray application on concrete, lightweight concrete, GRC blockwork and rendered surfaces but not on painted surfaces.
SUPER PLAST C8 is composed of high hydrolic cement, graded fillers, synthetic resins, lime, fiber and special additives. When mixed with water, the product becomes easily workable with high adhesion power and good flexibility. It is recommended for applications in a thickness from 3 to 10 mm per layer.

Features & Benefits

- Pre-packed, Factory controlled quality
- Easy to apply. High workability
- Good water resistant
- Ideal for internal and external application
- Low shrinkage. Crack free finishing
- Good strength and abrasion resistance.
- Excellent durability.
- Suitable for hot weather.

Uses

SUPER PLAST C8 can be applied as a thin coat plaster from 3 mm to 10 mm thickness in the following areas:

- Interior and exterior skim coat for ceiling and wall
- To be applied on plastering surface
- To be applied on pre-cast wall panel or smooth concrete surface
- For smoothing/ leveling of autoclaved aerated blocks (AAC), cement blocks and bricks.
- Suitable as leveling skim coat to receive paint

Technical Properties

Appearance	Cementitious fine powder
Color	Cement Grey
Mix Density	1,650 Kg/m^3 approx.
Compressive strength	>14 N/mm^2 @ 28 days
Flexural Strength	3 N/mm^2 @ 28 days
Adhesion to surface	≥0.5 N/mm^2 @ 28 days
Workability time	40 min @ 25 ^{o}C
Time to wait before painting	14 days

All values are subject to 5-10% tolerance

Standards Compliance:

- ASTM C897, C150& C926
- BS 5492, 1881
- BSEN 13914- I & II

Application Procedures

Surface preparation:

The substrate should be free of loose particles, dust, dirt, grease, oil, curing agents or paint. Absorbent and porous substrates should be moistened with water prior the application of SUPER PLAST C8.

Possible chases (as a result of plumbing and electrical works) must be filled with the same adhesive used for laying.
For joints which were previously filled with elastic material like polyurethane foam, a supporting glass-fibers fabric must be fixed.
Concrete or block substrates should have been allowed to cure sufficiently. All shrinkage movements should take place before applying SUPER PLAST C8.

Do not apply SUPER PLAST C8 on surface exposed to movement, vibration or mechanical impacts.

Saturate the substrate with clean water before applying SUPER PLAST C8

Mixing Instructions:

Add **SUPER PLAST C8** bag of 25kg into a container of 5 - 5.5 ltr of clean water, mix until a uniform lumps free consistency mix achieved. Leave the mix to stand for 3 minutes and remix before use. For that; use low speed

TECHNICAL DATA SHEET

mechanical mixer (200-300 rpm) with a suitable mixing paddle.

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

Application Instructions:

SUPER PLAST C8 can be applied manually or using spray machine direct on the block, plaster or concrete surface in one coat of a thickness of up to 10 mm.
If thickness higher than 10 mm is required to achieve, apply SUPER PLAST C8 in two layers. Keep the first layer in rough finishing to ensure create key bond with top layer.
Smooth / even the applied plaster manually by using wood or plastic float and steel trowel.
Plaster should be cured with water for 2 days.

Yield/ Coverage

1.6 – 1.7 kg of **SUPER PLAST C8** will cover 1 m^2 at thickness of 1mm.

Packaging

SUPER PLAST C8 is available in 25kg 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.

REV 03-3006

SALES OFFICE : Jebel Ali, Industrial 1
FACTORY : RAK, Jazerat Al Hamra

Tel.+971 4 880 2131
Tel. +971 7 2210066
www.sbi-me.com , info@sbi-me.com