TECHNICAL DATA SHEET

SUPER PLAST COL-8

Cement-Based, Decorative Colored Thin Plaster

Description

SUPER PLAST COL-8 is a single component; fiber reinforced cementitious colored plaster composed of Portland cement, graded fillers, synthetic resins and special additives. When mixed with water, the product becomes easily workable with high adhesion power and excellent abrasion resistance properties. It is recommended for applications with a thickness from 3 to 8 mm per layer. The applied coat has abrasion resistance, crack free, with good water repellence.

Features & Benefits

- Easy to mix and apply, just add water.
- Pre-packed in the factory. Quality controlled
- Ideal for internal and external application
- Low shrinkage. Crack free finishing
- Good strength and abrasion resistance.
- High durability.
- Suitable for hot weather.

Uses

Due to its high characteristics, **SUPER PLAST COL-8** can be applied as a thin coat decorative plaster from 3 mm to 8 mm thickness without the need to prime the surface. It is used as a smoothing and plastering decorative finish coat for all cementitious and concrete surfaces**.**
SUPER PLAST COL-8 can be used for internal and external applications. Also, it can be used as decorative leveling and plastering layer for AAC block (autoclave aerated concrete block).

Technical Properties

Appearance	Colored Powder
Color	Available in different colors
Dry Density	1,400 Kg/m^3 approx.
Wet Density	1,650 Kg/m^3 approx.
Workability time	40 minutes @ 25 ^{o}C
Compressive Strength	8 N/mm^2 @ 28 days
Flexural Strength	>1.5 N/mm^2 @ 28 days
Adhesion to surface	≥0.5 N/mm^2 @ 28 days
Weather resistance	Excellent
Water resistance	Excellent
Application Temperature	5 – 40 ^{o}C

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.

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 COL-8.

Do not apply SUPER PLAST COL-8 on surface exposed to movement, vibration or mechanical impacts.

Saturate the substrate with clean water before applying SUPER PLAST COL-8.

Mixing Instructions:

Add **SUPER PLAST COL-8** 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

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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 COL-8 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 8 mm.
If thickness higher than 8 mm is required to achieve, apply SUPER PLAST COL-8 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 COL-8** will cover 1 m^2 at thickness of 1mm.

Packaging

SUPER PLAST COL-8 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.

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.

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