



AEROTM
CONCHEM LLP

AN ISO 9001 : 2008 CERTIFIED COMPANY

AERO SUPER STUCCO

Description

AERO SUPER STUCCO is a ready mix cement based polymer enriched high performance surface finishing material incorporated with high quality polymer additives, graded sand and fillers for thin bed/coat applications. **AERO SUPER STUCCO** is highly suitable for direct application over smooth concrete surfaces without hacking and requires no curing after application.

Specification

Technical parameters complies with IS 1661-1972, IS 2250-1981.

Features & Benefits

- Ideal for thin coat applications.
- Consistent quality made using mix of well graded sand and additives.
- No water curing
- Excellent adhesion properties with the substrate
- Reduced water absorption hence enhanced durability
- Uniform and smooth finish to walls
- Quality thin plastering since it does not contain any impurity
- Convenient to apply
- Faster completion of work
- Negligible wastage due to least rebound
- Subsequent application of paint or putty after 24 hours

Areas of Application

AERO SUPER STUCCO can be used for thin coat plastering on inner and outer walls. It can be used effectively on brick, block, stone walls as well as concrete surfaces.

Ideal for well-prepared walls with maximum thickness of plastering in the range of 3-6 mm. Highly recommended over Mivan Finished, Smooth concrete areas without any hacking of the surfaces.

Suitable as a direct surface finishing material for columns, ceilings, beams.

Very effective for filling the plumbing and electrical conduit lining. **AERO SUPER STUCCO** can be used as a top coat thin screed layer after the water proofing applications with **AERO Seal & Dry**.

METHOD OF APPLICATION

Surface Preparation

- Prepare the surfaces before the **AERO SUPER STUCCO** application by removing oil, bond inhibiting agents, dirt, dust and laitance
- The cleaning can be carried out with suitable methods like by using wire brush, water jetting, mopping etc.
- Surface should be pre-wetted and has to be in SSD condition before application of **AERO SUPER STUCCO**
- No hacking or grinding is required before the application. In case of any honey combs or cracks, necessary preparatory works has to be carried out prior to the application of **AERO SUPER STUCCO**.

Mixing

- **AERO SUPER STUCCO** requires 25-30% of water by weight of material
- Mix **AERO SUPER STUCCO** to the measured quantity of water using mechanical stirring for 2-3 minutes to ensure a consistency free of lumps
- Mix only the required quantity of material which can be consumed within the 2 hour pot life and do not mix any additional water than the prescribed water ratio to the already mixed **AERO SUPER STUCCO**.

Typical Properties & Specifications:

Sr.No	Properties	Specification
1	Bulk density	1450-1550 kg/m ³
2	Water powder ratio	25-30% by weight
3	Pot life	2 hour @ 27°C
4	Compressive strength @ 28 days	5-6 Mpa
5	Coverage per 25 kg bag	60 sq.ft. @ 3mm
6	Thickness of layer	3-6 mm per coat
7	Water curing	NIL
8	Wastage	Negligible
9	Final finish	Smooth and excellent
10	Pull out adhesion (EN 1348) @ 28 Days	0.8 N/mm ²
11	Water absorption by karsten tube method	0.2 ml @ 24 hours

Application

- Apply **AERO SUPER STUCCO** with perfect level putty blades, leveling edges over well prepared surface.
- Care should be taken to avoid higher thickness of application more than 6 mm per coat, if thickness more than 6 mm is required adopt multiple layer application method.
- For curved, unique geometrical shapes, corners etc appropriate leveling tools to be used for **AERO SUPER STUCCO** application.

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Note

The Technical data provided in this technical data sheet is as per our internal lab testing and may vary as per the actual method of application at sites. Consult **AERO** Building products division technical services cell for any further technical assistance.

Packaging

25 kg bags

Shelf Life

AERO SUPER STUCCO has a shelf life of 12 months from the date of manufacture. Store at cool and dry place.

Shelf Directions

AERO SUPER STUCCO is non-toxic. Use of gloves and goggles recommended. Any splashes to the skin or eyes should be washed off with clean water immediately. In case of prolonged irritation, medical advice should be sought. **AERO SUPER STUCCO** is non-flammable.

OUR RANGE OF PRODUCTS



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JAN/2017/01