

SUPER STUCCO



Thin Self Curing Plaster

Technical Data Sheet

Series: SS0007

Month: April 2016

Supersedes all earlier TDS

Description

UltraTech **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 remove bed /coat applications. UltraTech **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 2250-1965**

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

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

Ideal for well-prepared walls with maximum thickness of plastering fall in the range of 3-6 mm. Highly recommended over Mivan finishes, 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 linings. UltraTech **SUPER STUCCO** can be used as a top coat thin screed layer after the water proofing applications with UltraTech Seal & Dry.

Method of Application:

1. Surface Preparation

- Prepare the surfaces before the UltraTech **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 UltraTech **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 UltraTech **SUPER STUCCO**.

2. Mixing

- UltraTech **SUPER STUCCO** requires 25-30 % of water by weight of material.
- Mix **UltraTech SUPER STUCCO** to the measures quantity of water using mechanical stirring for 2-3 minutes to ensure a consistency free of lumps.
- Use spatula, putty blade, aluminium floats or any suitable mechanical levelling device to prepare the final finish.
- Mix only the required quantity of material which can be consumed with in the 2 hour pot life and do not mix any additional water than the prescribed water ratio to the already mixed UltraTech **SUPER STUCCO**.

3. Application

- Apply UltraTech **SUPER STUCCO** with perfect level putty blades, leveling edges over well prepared surfaces.
- 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 UltraTech **SUPER STUCCO** application.

Technical Data

Bulk Density	1450-1550Kg/cum
Water powder ratio	25-30 % by weight
Pot life	2 hour @ 27°C
Compressive Strength @ 28 days	5 – 6 MPa
Coverage per 25 kg bag	60 sqft @ 3mm
Thickness of Layer	3-6 mm per coat
Water Curing	NIL
Wastage	Negligible
Final finish	Smooth and excellent
Pull out adhesion (EN 1348) @ 28 days	0.8 N/mm ²
Water absorption by Karsten tube method	0.2ml @ 24 hours

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.

Packaging

25 kg bags.

Shelf Life

UltraTech **SUPER STUCCO** has a shelf life of 6 months from the date of manufacture. Store at cool and dry place.

Safety Directions

UltraTech **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.

In case of prolonged irritation, medical advice should be sought. UltraTech **SUPER STUCCO** is non-flammable.

Other Product Categories available with UltraTech Building Products Division

- ✓ Aerated Lightweight Concrete Blocks
- ✓ Jointing mortar, Plasters and repair mortars
- ✓ Waterproofing Solution
- ✓ Tile Adhesives
- ✓ Grouting & Anchors
- ✓ Floor Screeds

DISCLAIMER

Information provided on this data sheet is the guideline for usage. Users are advised to undertake a trial for product suitability prior to its full scale usage. There is no implied guaranty / warranty for the results and the company is not liable for any consequential damages.



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