

UltraTech SUPER STUCCO

Thin Self Curing Plaster

Series: SS0012 | Month: February 2021
Supersedes all earlier TDS



UltraTech SUPER STUCCO is a self-curing, cement-based, polymer enriched, high performance surface finishing material consisting of high quality additives, graded sand and fillers for thin bed /coat applications. It is ideal for direct application over smooth concrete surfaces requiring no prior hacking and no curing post application.

Specification

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

Areas of Application

UltraTech SUPER STUCCO is ideal for thin coat plastering in internal areas and can also be used as a protective screed layer over sloping roofs post waterproofing applications with UltraTech SEAL & DRY. Ideal for well-prepared concrete surfaces and block masonry done using thin block jointing mortar with thickness of plaster in the range of 3-6 mm in a single coat. Highly recommended over mivan finishes and smooth concrete areas requiring no prior hacking. It can be used as direct surface finishing material on columns, ceilings and beams. It is also recommended for filling the plumbing and electrical conduit linings.

Features and Benefits

- Ideal for thin coat applications
- Assured consistent quality
- Self-curing
- Excellent adhesion properties with the substrate
- Reduced water absorption hence enhanced durability
- Provides uniform and smooth finish to walls
- Negligible wastage due to less rebound
- Speedy work due to convenience in application
- Subsequent application of paint or putty after 24 hours

Method of Application



Surface Preparation

- Prepare the surface before the application of UltraTech SUPER STUCCO by removing oil, bond inhibiting agents, dirt, dust and laitance.
- Clean the surface following suitable methods like by using wire brush, water jetting, mopping, etc.
- In case of any honeycombs or cracks, necessary preparatory work has to be carried out prior to the application of UltraTech SUPER STUCCO.
- Surface should be pre-wetted and has to be in SSD condition before application of UltraTech SUPER STUCCO.
- No hacking is required before the application.



Mixing

- UltraTech SUPER STUCCO requires 25-30% potable water by weight of material.
- Add UltraTech SUPER STUCCO to the measured quantity of water and mix using a mechanical stirrer for 2-3 minutes to ensure a consistency free of lumps.
- Mix only the required quantity of material which can be consumed within the 1 hour pot life and do not add more water than the prescribed water ratio to the already mixed UltraTech SUPER STUCCO.



Application

- Apply UltraTech SUPER STUCCO with perfect level putty blade over well prepared surfaces.
- Care should be taken to avoid thickness higher than 6 mm per coat application. For thickness above 6mm, multiple layer application is recommended.
- Use appropriate levelling tools for application over curved, unique geometrical shapes, corners, etc.

Technical data as per relevant IS Standards

Bulk density	1450-1550 kg/m ³
Water powder ratio	25-30% by weight
Pot life	1 hour @ 27°C
Compressive strength @ 28 days	5-6 MPa
Coverage/25 kg bag	60 sq.ft. @ 3 mm (As per lab conditions)
Thickness of layer	3-6 mm per coat
Curing	Self-curing
Wastage	Negligible
Pull out adhesion (EN 1348) @ 28 days	0.8 N/mm ²
Water absorption (Karsten tube test method @ 24 hours)	0.2 ml

Note

- Allow a minimum of 48 hours for the subsequent usage over UltraTech SUPER STUCCO applied areas. Do not apply if temperature is likely to drop below 5°C or exceed 50°C.
- The technical data provided in this technical data sheet is as per lab testing conditions and may vary as per the actual method of application at sites.
- Consult UltraTech Building Products Division Technical Services Cell for any further technical assistance.

Shelf Life

- UltraTech SUPER STUCCO has a shelf life of 12 months from the date of manufacture. Store in a cool and dry place.

Packaging

25 kg

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

Other Product Categories

- Waterproofing - SEAL & DRY and WEATHER PRO
- Tile Adhesive & Tile Grout - TILEFIXO and TILEFIXO GROUT
- Plaster & Jointing Mortar - READIPLAST, BASEKRETE and FIXOBLOCK
- Repair & Rehabilitation - MICROKRETE, MYKROFILL and BASEKRETE
- Flooring - FLOORKRETE
- Industrial & Precision Grout - POWERGROUT
- Autoclaved Aerated Lightweight Concrete Blocks - XTRALITE

DISCLAIMER

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