

READIPLAST



Plastering Made Simpler

Technical Data Sheet

Series: RP0005

Month: April 2016

Supersedes all earlier TDS

Description

UltraTech **READIPLAST** is a ready mix cement plaster/ render with high quality polymer additives, well graded sand and fillers for manual plastering applications.

Specification

Technical Parameters complies with **IS 1661-1972, IS 2250-1965, IS 2402-1963**

Features & Benefits

- ✓ Used in place of traditional plastering.
- ✓ Consistent quality made using mix of well graded sand and additives.
- ✓ Needs less curing and binds better to substrate.
- ✓ Reduced water absorption hence enhanced durability.
- ✓ Uniform and smooth finish to walls.
- ✓ Quality plastering since it does not contain any impurity.
- ✓ Convenient to apply.
- ✓ Faster completion of work.
- ✓ Negligible wastage due to least rebound.

Areas of Application

UltraTech **READIPLAST** can be used for 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 15 – 18mm.

Method of Application:

1. Surface Preparation

- Prepare the surfaces before the UltraTech **READIPLAST** 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.
- UltraTech **BASEKRETE** is recommended to level the surface in case of higher undulations > 18mm or for any repair works to attain the flat, stable and normal absorption back ground prior to UltraTech **READIPLAST** application.

2. Mixing

- UltraTech **READIPLAST** requires 17-19 % of water by weight of material.
- Mix **UltraTech READIPLAST** to the measures quantity of water using mechanical stirring for 2-3 minutes to ensure a consistency free of lumps.
- Use spatula, aluminium floats or any suitable mechanical levelling device to prepare the final finish.

3. Application

- Apply UltraTech **READIPLAST** using mortar trowels, spatula and can be applied by normal masons as like conventional plasters.
- For thickness above 18 mm adopt multiple layer applications upto the required thickness along with **UltraTech BASEKRETE**.
- For machine applications UltraTech **READIPLAST-SP** (spray plaster grade) is recommended.

Technical Data:

Bulk Density	1450-1550Kg/cum
Water powder ratio	17-19 % by weight
Pot life	1 hour @ 27°C
Compressive Strength @ 28 days	5 – 6 MPa
Coverage	0.16–0.23 Kg/ sqft/mm
Thickness of Layer	6-15 mm per coat
Water Curing	2-3 times for 2-3 days
Wastage	Negligible
Final finish	Smooth and excellent

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 & 40 kg HDPE laminated bags

Shelf Life

UltraTech **READIPLAST** has a shelf life of 12 months from the date of manufacture. Store at cool and dry place.

Safety Directions

UltraTech **READIPLAST** 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 **READIPLAST** 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 it's 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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