

# UP 110



## SUSTAINABLE PLASTER

**ULTRAPLAST UP 110** is ready to use high quality polymer modified premixed plaster. It is convenient to use and it gives superior finish which enables faster and efficient subsequent applications.

Specification: complies with IS 1661-1972, IS 2250-1965, IS 2402-1963.

### Features & Benefits

- ❖ Consistent quality and durable material made with well graded sand and polymers.
- ❖ Easy to apply.
- ❖ Saving in time and labour hence cost effective.
- ❖ Less rebound while towelling.
- ❖ Superior finish and sharp edges.
- ❖ Cost effective.
- ❖ Excellent workability & adhesion on various substrates.
- ❖ High water retention which reduces the cracks.
- ❖ Smooth finish enables saving in subsequent applications.

Suitable Substrates: AAC Blocks, Concrete hollow/solid Blocks, Red clay bricks, Fly ash bricks, Stone walls.

Appearance: Grey granular powder.

Packaging: 40 Kg laminated bag.

Coverage: Coverage of 18-20 square feet per bag of 40 kg for 10 mm thickness.

Water Demand: 5-6 Litter for a 40 Kg Bag.

### Technical Data:

Compressive Strength @ 28 days	7 – 9 MPa
Pot life	1 hour @ 27°C
Water powder ratio	13-16 % by weight
Bulk Density	1450-1550Kg/cum
Pot Life	30
Thickness of Layer	6-15 mm per coat
Water Curing period	4-5 times for 3-4 days

## Technical Data Sheet February 2018

### Guide for Application:

Substrate shall be made clean, all the joints and surfaces of the wall with a wire brush, there should be no dust, oil or grease etc. left on wall surface. Sprinkle water on the surface till it makes saturated surface dry before application.

Mixing shall be done by pouring water in to the bucket and adding **UP110** gradually. Keep mixing till five minutes to get uniform lumps free matrix. Wait for three minutes to activate polymers, then remix for three minutes and apply. For best results mechanical stirrer is recommended.

Apply **UP110** as per conventional method using trowel/spatula. Maximum 15 mm thickness can be applied in one coat. Use **UP110** in one hour from the time of water added.

Curing after 24 Hrs from the time of plastering and keep it wet till 3 to 4 days. In summer or dry ambient conditions, curing frequency and the time may be extended up to 7 days.

Precaution should be taken that avoid using extra water to extend pot life.

Shelf Life: Factory packed bags carries a shelf life of 12 months, if stored in cool & dry place. However, as temperature, humidity, water addition & other parameters vary from site to site; this information should be treated as a general guideline.

Safety: **UP110** is non-toxic and non-flammable. Use of suitable gloves and goggles are 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.

### 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.