



# ESSENTIAL TIPS ON PLASTERING

**UltraTech**  
**C E M E N T**

*The Engineer's Choice*



**Plastering provides an even, smooth, clean, durable base for decorating the surfaces (painting, white washing etc) and protection against rain, sun etc.**

Cement mortar when used properly is non-absorbent and hence ideal for plastering work.

## **SURFACE PREPARATION BEFORE PLASTERING**

- ✓ Rake the masonry joints to a min. depth of 12mm.
- ✓ Brush out dust and loose mortar from the raked joints as well as the masonry surfaces
- ✓ Roughen the smooth surfaces to be plastered by wire brushing/hacking to ensure perfect bond
- ✓ Knock off the projections which extend by more than 13mm from the surface of the masonry walls
- ✓ Use **wire brush to clean** the oily/greasy matter, plastic tapes etc. if any sticking to concrete surfaces and **wash thoroughly**
- ✓ The wall must be dampened evenly (but not soaked), before applying the plaster to prevent absorption of water from mortar



**Hacking of Concrete surfaces**



**Finishing using  
WOODEN FLOAT**



**Raked Brick Masonry**



## **SUGGESTED PROPORTION (CEMENT:SAND)**

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- ✓ **External/Outside plaster – 1:5**
- ✓ **Internal/Inside plaster – 1:6**
- ✓ **Ceiling/Roof plaster – 1:4**
- ✓ Sand shall be hard, clean and free from adherent coatings and organic impurities
- ✓ It shall not contain more than 5% of clay, silt and dust
- ✓ Use coarse sand for first coat (rendering coat) and fine sand for finish coat

## **DO REMEMBER**

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- ✓ Mix dry mortar until uniform colour is achieved
- ✓ Mix mortar in small quantities and consume it within 60 mins after adding water
- ✓ Use chicken wire mesh at the junction between the concrete and the brick work
- ✓ Plaster thickness should not be more than 15mm in single coat and 20mm in two coats
- ✓ In case of two coats, the thickness of the first coat (rendering coat) shall be 10mm-15mm
- ✓ Roughen the rendering coat before it hardens to provide mechanical key to the subsequent coat
- ✓ Keep the rendering coat damp for atleast 2 days or till the next coat is applied
- ✓ Apply the finishing coat over the rendering coat in 2 to 5 days
- ✓ Cure the plastered surfaces for atleast 10 days





**Call Toll free  
1800-425-2525**

- To talk to our **Mobile Concrete Expert** \*
- For **Technical /General assistance**
- For **RMC Bookings**

**UltraTech Cement Limited**

\*Conditions apply. Services available in select cities/locations only

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