

Curing Free Ready Mix Plaster (Pumpable)

cemeco **PLAST**

PRODUCT DESCRIPTION

Curing-Free Ready-Mix Plaster (RMP) is an innovative solution that removes the need for water curing, streamlining the plastering process. This advanced formulation sets faster, enhances strength, and offers increased coverage while minimizing shrinkage cracks—ultimately reducing costs and saving valuable time.

UNIQUE FEATURES

- Alters consistency of plaster for easy pumping
- Prevents segregation
- Increases the productivity
- Produces smoother surface
- Reduces wall putty consumption
- Saves time and labour
- Reduces shrinkage and cracking
- Increases the bond strength
- Reduces rebound loss

SUITABLE SURFACES

- Hollow Blocks
- AAC Blocks
- Cellular Concrete Blocks
- Fly Ash Bricks
- Red Clay Bricks
- Cement Blocks and Bricks
- Stone Walls
- Concrete Surfaces

TECHNICAL DATA

Pot Life:	1-1.5 hrs Under Normal Climate
Initial Setting Time:	120-150 Min.
Final Setting Time:	10 hours
Water Retentivity:	Min 95%
Compressive Strength:	Upto 15 MPa
Pull-Off Adhesion Strength:	Upto 0.8 MPa
Water Requirement	0.13-0.15 litres per kg
Max Silt Content in Sand:	Less than 5%

REFERRED RELEVANT STANDARDS

- EN 998 – Specification for Mortar for Masonry
- IS 2250:1981 – Code of Practice for Preparation and Use of Masonry Mortars

SURFACE PREPARATION

1. Dry & Clean

Ensure the surface is free from dust, dirt, oil, grease, loose particles, or any substance that may affect bonding. Clean the surface using a wire brush or high-pressure water jet. Ensure the surface is free from dampness, active leakage, algae, or fungal growth.

2. Roughness

Ensure the surface is sound and structurally stable. Pre-wet the surface and apply a cement-water slurry prior to application. Repair weak or damaged areas using Curing Free Pumpable RMP.

3. Evenness

Level the surface for uniform application.



PLASTERING COATS AND APPLICATION THICKNESS

1. Apply in layers

- Mix 0.13–0.15 litres of water per kg of Curing Free Pumpable RMP.
Apply at a thickness of 10–12 mm.

2. Mixing Procedure

- Gradually add the powder to water to minimize lump formation and achieve a smooth, homogeneous consistency.
- Use a drill mixer or paddle mixer to ensure uniform mixing.
- Mix only the quantity that can be applied within 45–60 minutes to maintain workability and plasticity.

3. Application

- Apply the mix with sufficient force for proper adhesion.
- Level the surface for a smooth finish.

GUIDELINES FOR IDEAL RESULTS

1. Follow all application instructions for surface preparation and mixing.
2. Mix in batches that can be used within 45–60 minutes.
3. Ensure the wall surface is neither too dry nor too moist before application.
4. Protect freshly plastered surfaces for at least 8 hours to prevent cracking.
5. Do not reuse mixed plaster or add water to a set mixture.
6. Avoid mixing materials from different batches.

SAFETY & PRECAUTIONS

- Use safety gloves, goggles, and dust masks during handling.
- Avoid inhalation of the mix and contact with eyes.
- Keep the work area dust-free and wash hands thoroughly after use.
- In case of eye contact, rinse immediately with clean water and seek medical attention if necessary.

PACKAGING

CemecoPlast Curing Free Pumpable Ready-Mix Plaster is supplied in 40 kg HDPE laminated waterproof bags.

SHELF LIFE & STORAGE

1. Shelf Life

- 6 months from the date of sealed packaging.

2. Storage Recommendations

- Store in a cool, dry, and moisture-free area.
- Keep bags sealed to prevent exposure to air.
- Avoid using sharp objects or dragging bags during unloading to prevent punctures.

