

# Ramco Super Plaster Eco

The amazing  
new Self Curing Plaster!



Does  
not need  
even a  
**single drop**  
of water  
for curing!





# Save WATER

## with Ramco Super Plaster Eco!

A 1000 sq. ft. house typically requires 15,000 liters of water for plaster curing.

Isn't it shocking?

The product philosophy behind Ramco Super Plaster Eco is to make all home builders environmentally conscious.



A Smarter, Greener Choice

Ramco Super Plaster Eco is a self-curing plastering binder for both interior and exterior use. Engineered with advanced additives, it eliminates the need for water curing, reducing water and labor costs.

### Key Benefits:

**Self-curing** – No water required after application

**Strong Adhesion & Sag Resistance**  
– Smooth and durable finish

**Crack Resistance** – Longer-lasting walls



## Application

- Suitable for all mineral substrates (red bricks, concrete, AAC blocks, fly ash bricks, etc.).
- Can be applied up to **15 mm in a single coat**; for greater thickness, multiple coats are recommended.
- For mixed surfaces (e.g. AAC Blocks and Concrete), use a **fiberglass mesh at joints** to prevent cracks.
- Putty application after **10 days** ensures optimal performance.

## Thickness & Coverage

- **Min. thickness:** 10 mm | **Max. thickness:** 15 mm
- **1 bag (25 kg) covers 50-55 sq. ft.** at 12 mm thickness (1:5 mix, under ideal conditions).
- Recommended **mix ratio:** 1:4.

## Surface Preparation

- Ensure the surface is clean, dry, and free from dust.
- Moisten the surface with clean water before application.
- Avoid direct sunlight and wind exposure during application.

## Technical Specifications\*

<b>Air Content (%)</b> *	-	6 to 7
<b>Water Retentivity (%)</b> *	-	65 to 75

\*Values pertain to 1:3 Plaster & Sand Mix tested under laboratory condition

## Recommended Plaster : Sand Mix Ratio *(by volume)*

Application	Ramco Super Plaster	Sand (As per IS 1542: 1992)
External	1 Part	4 Parts
Internal	1 Part	4-5 Parts
Ceiling*	1 Part	3 Parts

For high-quality results, use Ramco Super Plaster Eco with pre-sieved plaster sand.

The recommended proportions mentioned above can be adjusted according to:

- Special applications and the type of substrate being used.
- The level of control implemented on-site for accurately measuring the sand during volume batching.

\*For ceiling plaster, hacking and sprinkling of cement slurry mix is recommended for better bonding with the concrete surface



## Do's

Pre-wet the substrate before applying RSP Eco.

Use a well-mixed RSP Eco mortar with high-quality sand and clean water.

Hacking is mandatory for concrete ceilings and concrete walls

Cement slurry application to be done for AAC block walls

Follow the recommended RSP Eco and sand mix ratio.

Use plaster mortar within 1 hour of mixing.

Avoid over-troweling.

Clean brickwork before plastering.

Check the surface with a straight edge for plumb alignment.

Round all openings to prevent cracks.

Wait 7–10 days before applying putty or paint.

## Don'ts

Do not add extra cement, chemicals, or poor-quality sand.

Do not apply more than 15mm in one coat; use multiple layers for thicker applications.

Do not apply less than 10mm in one coat.

Do not plaster without an RSP Eco spatterdash coat over laterite bricks.

Avoid applying during rain, strong sunlight, or heavy wind.

Fix leaks before plastering.

Do not sprinkle dry cement for the final finish.

Avoid salty water for plastering.

Do not plaster excessively wet walls to prevent future dampness.

### **ONLY FOR PLASTERING.**

*Not be used for structural, load-bearing or brick-laying applications.*

**Note:** The strength of RSP Eco when mixed with sand depends on several factors, including the quality of sand used on-site, the mix proportion of RSP Eco to sand, and the water content in the mix applied for each specific method at each site and mason.



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