



# PERLCON PLAST-RMP 111

Ready-mix one coat plaster

## Product Description

**Perlcon RMP 111** is cement based ready mix plaster mortar that offers value additions as a one coat render to create a smooth decorative finish in one step. Perlcon RMP 111 can be used on internal & external surfaces with minimum preparation of walls.

**Perlcon RMP 111** is made from OPC-53, Hydrated lime, specially selected graded natural sand and polymeric additives that assure greater consistency and better as well as long lasting plastering solutions for all types of works.

## Key Features

- **Convenient & easy to use plaster. Better bonding with base**
- **Minimizes Shrinkage** : The specially selected graded sand and fine polymeric additives ensure least of shrinkage during initial maturing period. .
- **Improved and well calibrated workability** : The presence of superlative ingredients in **Perlcon RMP 111** gives better consistency and ideal workability.
- **Enhanced Strengths & Longevity**: **Perlcon RMP 111** offers higher Compressive strength, bond Strength as well as less rebound loss.

## Recommendation

RMP111 can be applied on any type of external or internal walls, made with red bricks, Fly Ash Bricks and/or AAC or Concrete Blocks RCC surface/concrete surfaces

### TECHNICAL PARAMETERS #

testing parameters @ 27° C

<b>Bulk Density</b>	<b>1.50 - 1.60 gm/cc</b>
<b>Water Demand</b>	<b>18 - 20 % (+/-3 %)</b>
<b>Pot Life</b>	<b>90 -105 minutes</b>
<b>Compressive strength (28 days)</b>	<b>&gt; 6.00 Mpa</b>
<b>Flexural strength (28 days)</b>	<b>&gt; 1.80 Mpa</b>
<b>Dry Adhesion Strength</b>	<b>&gt; 0.70 Mpa</b>

Confirms to EN 1015-11, EN 1015-12, EN 1015-10, EN-998-1 for categories CS-IV mortars, ASTM C109

## Directions for Use

- Clean up thoroughly the wall / ceiling surfaces, making it free of Oil, Grease, dust or any loose particles, limps, wires or any left over materials
- Ensure that correct level markings / guides are set on walls/ceiling surfaces .
- Pre-wet the surface lightly, if found necessary. Also, opt for a thin undercoat of 3-6 mm thickness prior to carrying out regular plaster work if required . It helps creating better bonds with wall surfaces.

## Mixing

- Ensure that dry mortar is poured into stipulated quantity of clean water and homogenous well blended green mix is prepared. After initial mixing is completed, wait for 5 minutes and re-mix the same without adding water, to let the entrapped air released. can be mixed manually or with machine.

## Application Methodology

- Ensure the applicator is splashing the mortar uniformly over the surfaces in order to make well distributed and fairly even plaster layer that does not need unnecessary and repetitive displacements.
- Attempt initial and final finishing operation in a staggered manner as the mortar sets in and gets adequately stiffened.
- Premature surface finishing may lead to cracking of plaster surfaces due to over working.
- Do not allow water sprinkling excessively to achieve better finishing quickly.
- Apply fibre mesh or chicken mesh over RCC - Masonry wall joints to avoid cracks at a later stage.
- Never carryout plaster work under direct sun light on a hot summer day.

## Consumption

**16-23 Kg/ m2 for 10 mm thickness**

### Note:

- Minimum Plaster thickness of 6 mm can be comfortably achieved.
- In a single layer, one should not attempt to create more than 18 mm thickness.
- 7-10 days of Water-Curing is preferred and recommended before taking up any subsequent activity over plaster surface.

### Pack Size:

- **Perlcon RMP 111: 40 Kg BOPP Laminated HOPE Bag**

### Shelf Life

- 12 months from the date of manufacturing, if the bag is in sealed condition and kept in a cool, dry place away from direct sun light and moisture.

**Health & Safety:** Perlcon RMP 111 is non-toxic. Use of gloves and goggles is recommended.

# : Pot life, open time and adjustability time varies depending on the service conditions viz temperature, humidity and wind factor.

# : These are typical test values obtained during our laboratory tests. Site mixes may show slight differences in performance due to method of application.

**Disclaimer:** Information on this datasheet is to be treated as guideline for usage. Users are advised to undertake a trial for product suitability prior to its full scale usage. There is no express or implied guaranty/warranty for the results. The company is not liable for any consequential damages.

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## Our Product Range:

- Sandfree Ready Mix Wall Plasters • Ready Mix Masonry Mortars • Maska Putty • Colourputty
- Tile Joint Filler • Texture Plaster • Light Weight Insulation Aggregate (GIB) • Insulation Plaster
- Insulation Concrete • Light Weight Insulation Concrete • Expanded perlite • Light Weight sunk-fill
- Water Proofing Solutions • Sealants • Protective Coatings

