



# PERLCON PLAST-RMP 222

Ready-mix, self curing one coat plaster

## Product Description

- **Perlcon RMP 222** 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 222** can be used on internal & external surfaces with minimum preparation of walls.
- **Perlcon RMP222** 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

- **Self curing**- No need of post curing, Spray-able mortar can be used with spray plaster system
- **Convenient & easy to use plaster ,better bonding with base**
- **Minimizes Shrinkage:** The specially selected minerals and fine polymeric additives ensure least of shrinkage during initial maturing period. .
- **Improved and well calibrated work ability:** The presence of superlative ingredients in **Perlcon RMP 222** gives better consistency and ideal work ability.
- **Enhanced Strengths & Longevity:** **Perlcon RMP 222** offers higher compressive strength, bond Strength as well as less rebound loss.

## Recommendation

- Perlcon RMP222 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

**Health & Safety:** Perlcon RMP222 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 it's full scale usage. There is no express or implied guaranty/warranty for the results. The company is not liable for any consequential damages.

**Manufactured by:** Perlcon Premix Pvt. Ltd. **Registered office:** 302 Akshay, 53 Shramali Society, Navrangpura, Ahmedabad 380 009, Gujarat, India.

**Email:** Info@perlcon.com **Website:** www.perlcon.com **Contact no.:** 079 40246246,

## 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 leftover 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.
- 4-6 days of air-Curing is preferred and recommended before taking up any subsequent activity over plaster surface.

### Pack Size:

- **Perlcon RMP 222: 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.

## 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