



## Chennai Paints – Ready Mix plaster

Chennai Paints – Ready Mix plaster is premixed factory blended polymer modified dry free flowing powder designed to provide smooth and compact surfaces for both internal, external walls and Ceiling. It is a blend of Portland cement, selected graded sand and polymer additives for perfect compactness and desired smoothness of surface. Ready Mix Plaster is silt free and organic content free, graded sand provides best quality durable masonry surfaces with negligible cracks. It replaces conventional method of plastering as it is ready to use by simply mixing water at the site and can be easily applied on the blocks, concrete surfaces and bricks, ensuring time and money savings when compared to conventional method.

### Features & Benefits

- Consistent quality
- Reduced water absorption
- Easy to apply.
- Less curing & binds well.
- Uniform finish

- Negligible wastage
- Less rebound loss
- High Durability
- Excellent workability
- Economical

- Improved paint performance- low putty, primer and paint consumption
- Easy to store and handle as equal size packed bags than conventional sand cement mix.

### Areas of Application

Chennai Paints- Ready Mix Plaster can be used for plastering on Inner, External walls and plastering of ceilings. Suitable for plastering on AAC/ fly ash/ concrete block walls, concrete surfaces, red bricks & stone walls both internal and external surface. It can be applied on ideal well prepared walls with a Maximum thickness of 25mm.

### Technical Data

- Maximum Aggregate size – 2.5mm
- Bulk Density – 1.7 to 1.8 g/cc
- Mixed Density – 2.00 to 2.10 g/cc
- Setting Time (Initial) – 30 minutes and Final- 40 minutes
- Compressive strength at 28 days – 8-9mpa

- Cracking – Negligible
- Interior Wall Plastering Grade- **W14NI**
- Exterior Wall Plastering Grade- **W15RE**
- Ceiling / Roof Plastering Grade- **CR13RW**



Pack Sizes 40 Kg BOPP Laminated woven sacks



## Surface Preparation



- Prepare the surface to be plastered by removing oil, bond inhibiting agents, dust, loose particles grease, paint, loose plaster Etc as such contamination may affect the bonding.
- Clean the wall with suitable method using wire brush, Mopping, water jetting etc.
- If the surface is dry, it should be moistened with potable water.
- Prior to apply plaster, thin coat cement slurry can also be applied to provide mechanical anchoring.

## Mixing



- Chennai Paints- Ready Mix Plaster comes in Greyish dry free flowing powder form.
- It requires 15-25 % (depending on the area / abstract of application) of water by weight of material. Mix the Plaster to the quantity of water by using a mechanical stirring machine for 2-3 minutes to ensure a consistency and lumps free paste.
- Do not attempt to extend the pot life (90 minutes) by adding more water to the mix. Do not add any additional substance, like cement sand etc. to the mix these may adversely effect the performance of the product



## Application & Coverage

- Apply Chennai Paints Ready Mix Plaster using a mortar trowel/spatula. As applied by normal masons for conventional plastering.
- Best to be applied in multiple layers where the thickness of the plaster is above 15mm.
- After finishing the base coat Minimum 5-7 days curing must be done before the application of finish coats, further depending upon the site conditions.
- To avoid undulations on plastered surface, apply mortar patch before the wall is plastered on perimeter of wall for leveling.



## Direction for Use

STEP 1

Apply Chennai Paints Ready Mix Plaster using a mortar trowel/spatula



Best to be applied in multiple layers where the thickness of the plaster is above 15mm.



STEP 2

After finishing the base coat Minimum 5-7 days curing must be done before the application of finish coats



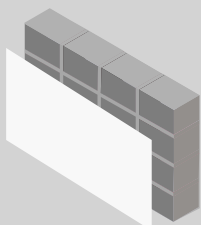
STEP 3

To avoid undulations on plastered surface, apply mortar patch



## Coverage

The normal coverage is 18-25 sqft per 40 kg ( Internal application single coat depending on the application thickness of 8-12mm and for External - Two coats are suggest to cover the external side of walls i.e. base coat of 8-12 mm and finish coat of 8-12 mm to get a full thickness of around 18-20 mm, further depending upon site conditions).



18 - 25  
sq.ft/40kg<sub>Bag\*</sub>

\*Actual coverage may vary from the quoted coverage due to factors such as method and condition of application and surface roughness and porosity

## Shelf life

Open the bag just before use only.

Factory sealed packs of this product are guaranteed to be of first quality for 6 months from the date of manufacturing.

Store it off the ground in a cool and dry place. High humidity will reduce the shelf life of Woven sacks products.

## Possible Issues

Issues	Possible reasons	Suggestions
Horizontal cracks	Improper curing and higher thickness application than recommended are possible reasons for horizontal cracks	Follow the recommended thickness and curing duration to avoid the same
Cracks between ceiling and wall	Combination of two different material may result into cracks	Between ceiling and wall plaster, grooving shall be done to avoid the cracks
Improper adherence to substrate	Improper adherence can be due to improper water quantity in mix, improper mixing, no pre wetting of substrate, applying plaster mix after pot life, uncleaned substrate	One must use recommended water intake and mix the material properly. Before application, proper wetting and cleaning of substrate must be done
Chipping or debonding of plaster	Improper surface preparedness like uncleaned substrate or improper wetting can lead to this problem	Please ensure proper cleaning and pre wetting of substrate prior to application of plaster
Visible wall joints	Application of lesser thickness than recommended, high undulations in substrate and different rate of suction between plaster and blocks/bricks	Recommended thickness and on properly leveled substrate can help to avoid this problem



## Information on Uses & Safety

- All Chennai Paints products contain no added Lead, Mercury, Arsenic or Chromium
- Store the bag with the mouth tightly closed in an upright position, in a cool, dry and well ventilated location away from source of ignition and fire.
- Keep out of reach of children and away from food & drink harmful if swallowed. In case of ingestion seek immediate medical attention.
- Avoid contact with skin for prolonged period. In case of any contact with eyes, wash immediately with plenty of water and seek medical attention.
- Use protective equipments like rubber or polythene gloves, safety goggles or glasses, face mask while handling the product Do not pour leftover plaster slurry down the drain or in water courses. In the event of spills, contain spillage using sand
- Left-Over Disposal: Left-over paint/drums/ woven sacks should not be disposed in soil/drains. Consumers should consult a local recycling agency for proper disposal of paint/drums/ sacks etc
- Limitations this product is not a replacement for waterproof membranes. Please use specified products for waterproofing.

Note- Specifications subject to change without notification. The technical data provided is as per our internal lab testing and may vary as per the actual installation method of application done at site

**Disclaimer** – Information provided on this data sheet is only a guideline for usage. It is advised to undertake a trial of the product before full scale usage. Any information and / or specification contained / shared herein is to the best of our knowledge true and accurate, no guaranty / warranty is given or implied in connection with any recommendation or suggestions made by us the company ( Chennai Paints ), our Representatives, Agents or Distributors, as the conditions of use of any labour involved, site conditions are beyond our control.

Product TDS No; RMP – 01/04/2024. Please note that this datasheet supersedes all previous versions. For Feedback/ complaints, write to Marketing Manager Services, Chennai paints-200A, M.H.Road, Chennai-600-060. Tamilnadu