

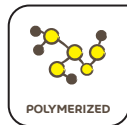


we care

weberwall premium plaster



Suitable for plastering on AAC/ fly ash/ concrete block walls, concrete surfaces, red bricks & stone walls both internal and external surfaces



Product description

weberwall premium plaster is premixed plaster designed to provide smooth and compact surfaces both internal and external. weberwall premium plaster is a blend of portland cement, supplementary cementitious material, selected graded sand and polymer additives in the right proportion for perfect compactness and desired smoothness of surface.

RMP is silt free and organic content free, graded sand provides best quality durable masonry surfaces with negligible cracks. We provide consistent, impurity free material batch after batch to assure you a hassle free solution.

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 compared to conventional method.

Applications

- Internal plastering of walls
- Plastering of ceilings
- External plastering of walls.
- All block/brick masonry works.
- Plastering on concrete surfaces.

Features and benefits

- Selective processed sand - Graded, silt and organic content free for highly durable plaster.
- Polymerized Plaster - Performance enhancing special additives to provide non sagging during higher thickness applications.
- Negligible cracks.
- Less rebound losses - Leading to minimum wastage.
- Better adhesion to substrate due to high bonding strength.
- Ready to mix- only water to be added at site as per defined water mixing ratio for best performance.

- Compact plaster - Leading to less permeability to water and enhances life of building.
- High durability.
- Excellent workability.
- Uniform and smooth finish to walls due to consistent batch quality making surface ready for tiling, stone fixing and painting.
- Reduced repair and maintenance cost.
- Improved paint performance- low putty, primer and paint consumption.
- Economical - Significant savings in money, time and manpower.
- Hassle free storage and material handling - Easy to store and handle equal size packed bags than conventional sand cement mix.

Substrates

- AAC / Concrete block wall.
- Fly ash block wall.
- Clay brick walls.
- Stone walls.
- Red clay bricks.
- Concrete surfaces.

Plaster coats

- Internal - 8-12 mm single coat is recommended for internal plaster covering.
- External - Two coats are recommended 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.

Note- After base coat, minimum 2 to 3 days curing must be done before application of finish coats, further depending upon site conditions

Limitations

This product is not a replacement for waterproof membranes. Please use specified products from weber waterproofing range.

Method of application

Surface preparation

- Before application, one must make sure that substrate is free of dust, loose particles, oil, grease, paint, loose plaster and other such contamination which may affect the bonding.
- Cleaning can be carried out by suitable methods like wire brush, water jetting, mopping etc.
- If the surface is dry, it should be moistened with potable water.

Note to specifier-

- It is recommended to use one coat of weber-wall joinsbond on the concrete surfaces before application of plaster
- Prior to apply plaster, thin coat cement slurry can also be applied to provide mechanical anchoring.

Mixing

- In a clean tray or bucket, pour one bag of 40 kg RMP in approx. 6.8 to 7.6 liters of clean potable water (depending on weather condition) and not vice versa.
- Mixing can be done by using mechanical mixer or hand used tool to achieve a smooth, lump free and homogeneous mix.
- Allow the mix to mature for 5 minutes before application and remix before use.

Application

- Apply the mixed plaster uniformly on the substrate using a steel trowel.
- The plaster can then be levelled to a desired finish using masonry tools like spirit level and masonry mob. Different finish can be achieved using steel trowel, wooden float or sponge as per finish required.
- If 2nd coat is required, ensure grooving/-combing on first coat to provide good grip for

2nd coat. Also curing of first coat is recommended for 2-3 days before application of second coat.

- To avoid undulations on plastered surface, apply mortar patch before the wall is plastered on perimeter of wall for levelling.

Curing

Please ensure that plaster is kept moist for a period of 3 days. This can be achieved by light sprinkling of water 2 to 3 times a day.

Technical table

Appearance	Free flowing granular
Color	Grey
Sand	Selective processed sand
Water intake	17- 19%, 6.8 litres to 7.6 litres of clean water for 40 kg bag
Cracking	Negligible
Test standards	IS 2250 - 1981, RA in 2015, EN 1015 Part 2 2019, IS 1727- 1967 RA in 2018
Dry density	1.7 - 1.8 g/cc
Rebound losses / Debonding	Very low
Water proofing capability	Higher compactness reduces permeability
Pot life	120 min
Initial setting time	> 30 min
Final setting time	< 400 min
Mixed density	1.95 - 2.05 g/cc
Compressive strength	> 8 MPa
Flexural strength	> 2 MPa
Pull out bond strength	> 0.3 Mpa
Shrinkage	< 0.001%
Water absorption	3 ml (Karsten and tube)
Soundness	< 0.003%
Flow	> 140 mm

Note to specifier

- Do not attempt to extend the pot life 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.

Coverage

18-25 sqft per 40 kg bag of weberwall Premium plaster for a thickness from 8-12 mm.

Note - Ensure all surfaces are clean, smooth, free of defects and without undulations for maximum coverage.

Pack size

40 kg laminated flexo bag

Shelf life

Product has shelf life of 6 months from date of manufacturing. It should be stored in cool and dry place in unopened original packing.

Condition of sale

Sold subject to the company's condition of sale

which are available on request.

Health and safety protection

- PPE's such as gloves and goggles should be worn while application.
- Clean hands and tools with soap water only.
- Avoid contact with eyes or prolonged contact with skin. In case of contact, kindly flush thoroughly with water immediately for 15 minutes, if problem persists then consult a physician.
- Do not take internally. Silica sand may cause serious lung problems. Avoid breathing dust. Wear a respirator in dusty areas.

Disclaimer

Specifications are subject to change without notifications. Results shown are typical but reflect test procedures used. Actual field performance will depend on application methods and site conditions. There are no expressed or implied guarantee/warranty as to the results obtained. The company does not assume liability or consequential damage for unsatisfactory results, arising from incorrect usage.

Troubleshooting

Problem	Possible reasons	Recommendations
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 levelled substrate can help to avoid this problem



FDS / SDS / DoP
Product information



<https://goo.gl/d39avs>

Scan QR code to download android app for product information and technical data for our complete product range, directly from your smartphone.



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