

JK CEMENT PLASTMAXX PP22 is a premium dry-mix plaster suitable for highly absorbent substrates like Autoclaved Aerated Concrete (AAC) blocks, Calcium Silicate Blocks, properly prepared concrete surfaces. It can be applied by suitable plaster machines or by hand and is designed for interiors and exteriors.



Composition

High Quality Portland Cement, Hydrated Lime, carefully selected processed natural mineral sand and very special chemical additives for performance enhancements.

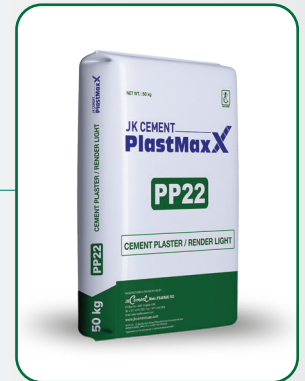


Features

- ✓ Best suited for AAC and Light Weight Blocks
- ✓ Quality Consistency
- ✓ Excellent Workability
- ✓ Outstanding bonding tendency with optimum mechanical properties

AVAILABLE / BAG SIZE

50 Kg
High Quality
Paper Bag



Technical Characteristics

- Binder: High Performance Portland Cement
- Aggregate Size: 0 – 2 mm
- Appearance: Granular Powder
- Mixing Ratio: 7.5-8.0 Liters water per 50 Kg bags
- Water Requirement: 15-16%
- Coverage: 42 Square Meters/Metric Ton @ 15 mm thickness (actual coverage depends on application temperature, nature of substrates, applied thickness, transfer efficiency, etc.)
- Density (Kg/Lt): 1.70 ± 0.20 (Wet); 1.60 ± 0.20 (Dry)
- Compressive Strength: Minimum 2.5 N/mm² (at 28 days)
- Flexural Strength: Minimum 1 N/mm² (at 28 days)
- Curing: 48 Hours by clean water

The values in this technical characteristics are based on standard and controlled conditions at laboratory.

Application Method



Surface Preparation

- The substrates should be thoroughly cleaned to remove dust, wood pieces, etc. and plenty of water is to be sprayed and is to be left to dry off any excess water.
- Prior to starting the application, ensure to fix attachments such as pipes, corner beads, electrical fittings as the case maybe. Also, it is important to make sure that the substrate to be plastered is cured properly before starting the plastering activity.
- JK CEMENT PLASTMAXX Rush Coat (RS11 or RS99 as the case maybe) is to be applied over Concrete surfaces cured for 2 - 3 times/day for minimum of 2 days.
- In line with consultant's recommendation, proper Fiber Glass Mesh or Expanded metal lath can be fixed on all junctions of different substrate as a preparatory step.



Mixing

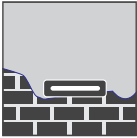
- When using spray machine, water level is to be adjusted and controlled to get suitable consistency.
- If in case of manual mixing, 7.5 – 8 Liters of potable water is needed to be added for every 50 Kg bag of PP22 in a clean non-corrosive vessel/-bucket. Also, homogeneous mixing is crucial for uniform results throughout the substrates. Therefore, a suitable electric mixer is recommended for mixing. Once mixed, allow the mix to stand for 5 minutes before starting the application. Ensure not to add further water to this mix.
- Also, it is necessary not to re-use any hard and/or set plaster.



Specifications

EN 998-1: 2016 | EN: 13914-1: 2016 | EN: 13914-2: 2016 | BS 5262 | BS 5492 | ASTM C348 | ASTM C349 | ASTM C926 | ASTM C897

Application



- A gradual build-up of about 8 – 20 mm thickness through single coat or double coats is recommended both for interior and exterior areas.
- If in case of thickness higher than 20 mm is needed, it must be applied in multiple coats. Here care is to be taken that the previous coat must have been cured for a minimum of 48 hours and surface needs to be properly grazed to receive subsequent coats.
- This can then be finished with appropriate wooden float or plastic/steel trowel. Care should be taken that excessive troweling needs to be avoided.
- Wherever Concrete Blocks exist in continuation with AAC Blocks, PP22 is to be applied on both these blocks.

Curing

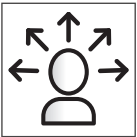
- The finished Plaster should be cured with potable water for a minimum of 2 days (with a frequency of 2-3 times a day) depending on site conditions.

Important Annotations



- Prior to proceeding for the painting operation, ensure if the plaster surface is dry and free from any moisture.
- On all types of external surfaces, plastering must be started 15 cm above the base level to avoid capillary raise of water and/or salt from ground.
- It is always preferred to sprinkle water by brush for best finishing results. Pouring Water with Mugs/cups, etc. is strictly forbidden.
- Kindly contact JK Technical Team for any clarifications on suitability of PP22 for various substrates prior to proceeding

Health & Safety



- It contains Portland cement which becomes strongly alkaline upon mixing with water which may cause skin irritation when exposed for longer times.
- Avoid contact with eyes and inhalation of dust. In case of skin/eyes contact, wash with plenty of clean water and seek medical attention immediately.
- It is highly recommended to use all relevant Personal Protective Equipment while handling it and work in well ventilated conditions while applying it.

Storage



- The bag of PP22 is to be covered well and stored away from heat, Sun light and moisture. Also, it should be kept preferably on pallets.
- Shelf Life: 12 Months from date of manufacture if covered and stored well as indicated above.
- Care should be taken that no hard & lumpy materials are used.



JK CEMENT PlastMaxX

Manufactured & Packed in UAE by

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Disclaimer:

The information given here is based on the best of our knowledge, good faith, experience and laboratory based results. The actual result depends on many factors, like nature of substrate, workmanship/quality of the application job at site, quality and type of Plaster Spray Machine/other suitable application tool used, quantity of water added, etc. Hence JK Cement Works (Fujairah) is not responsible for any sort of claims/disputes arising out of any negative results by using our Products. Also, the water for dilution given here is only based on lab results and might vary due to different conditions prevailing at the application site. JK Cement Works Fujairah is not held responsible for use of this product for applications other than specified and/or adopting any faulty application/curing methodologies. It is the user's responsibility to have through this Technical Data Sheet prior to applying our products and to ensure with JK Cement Works Fujairah that any product information is still prevailing at the time of application. Also the user must be sure that the product is suitable for the use intended and also applied it as specified while taking care of all precautionary measures. While all the products comply with the properties shown on current technical data sheets/brochures, JK Cement Works Fujairah does not warrant or guarantee the products' performance as it doesn't have any control over factors adopted during its actual application.