JK CEMENT PLASTMAXX

Rush Coat Premium - RS99

JK CEMENT PLASTMAXX RS99 is a premium multi-purpose dry-mix bonding coat suitable for concrete substrates and other smooth surface mineral backgrounds. It is specially designed as a bonding coat for dense concretes containing micro silica, GGBS and fly ash, prior to plastering. It can be applied using a Tyrolean box/spray hopper/powder pattern spray gun. It is suitable for interiors and exteriors.

Composition

High Quality Portland Cement, carefully selected processed natural mineral sand, Excellent binding Powder Polymer and very special chemical additives for performance enhancements.

Features

- ✓ Superior Adhesion to dense concretes
- ✓ Quality Consistency
- ✓ Easier Workability
- ✓ Leads to a bright and excellent absorbing substrate

AVAILABLE / BAG SIZE

50 Kg
Paper Bag

Technical Characteristics

- Binder: High Performance Portland Cement
- Aggregate Size: 0 – 3 mm
- Appearance: Unique Granular Powder
- Mixing Ratio: 9.5-10 Liters water per 50 Kg bags
- Water Requirement: 19-20%
- Coverage: 430 Square Meters/Metric Ton @ 2 mm thickness (actual coverage depends on application temperature, nature of substrates, applied thickness, transfer efficiency, etc.)
- Density (Kg/Lt): 1.80 ± 0.20 (Wet); 1.70 ± 0.20 (Dry)
- Compressive Strength: Minimum 15 N/mm² (at 28 days)
- Flexural Strength: Minimum 4a 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, curing component layers, 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 is cured properly before starting the Rush Coat application activity.

- 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

- Mix 9.5 – 10 Liters of potable water for 50 Kg bag of RS99 in a clean non-corrosive vessel/bucket. An effective and 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 and ASTM C897

Application

- RS99 should be applied using a spray hopper or Tyrolean box. Spray the mixed RS99 in a continuous operation over the prepared surface for a thickness of about 3 – 4 mm.
- Ensure that the applied film covers the entire concrete surface area, without any omissions.
- A rough texture should be obtained to deliver an excellent mechanical key for the subsequent coat of plasters.

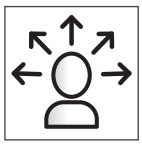
Curing

- The finished Rush Coat 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:

- It should not be applied over resin based water proofing compounds.
- Kindly contact JK Technical Team for any clarifications on suitability of RS99 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 RS99 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.

SCAN FOR
JK PRODUCT PORTFOLIO

JK CEMENT
PlastMaxX

Manufactured & Packed in UAE by

JK Cement Works (Fujairah) FZC

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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 applying equipment/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.