



JCC FINE RENDER- 101

Single component, cement based smooth finishing coat/ render for exterior and interior use, water resistant and good stability.

Product Description:

JCC FINE RENDER-101 is ready-to-use, Single component cement based smooth finishing coat/ render for interior and exterior use, water resistant and for good stability which requires only the addition of water to produce easily workable material. It contains selected Portland cements, silica fume, selected aggregates and modifiers and special additives that permit to be applied in a 1 mm to 3 mm thickness without any problems. It specially formulated for applications on horizontal and vertical & overhead surfaces for both internally and externally.

Uses:

JCC FINE RENDER-101 is formulated to be used as single component cement based smooth finish coat:

- Exterior and interior wall surfaces and overhead ceiling surfaces.
- Smooth concrete surfaces and precast concrete surfaces.
- Pin hole filler , thin path mortar and colour matching coat.

Advantages:

- Easy to mix and to apply.
- Water resistant.
- Excellent impact & abrasion resistant.
- Non-oxidized, non-shrink.
- Low permeability ensuring durability.
- Non-toxic and does not contain any harmful ingredients.
- Manual or spray machine applications.
- Chloride and nitrate free.
- Excellent adhesion on variety of substrates.
- Heat resistance properties.
- Formulated for the Middle East Climates.

Technical Properties:

Appearance	Available in Multi colors
Mixing Ratio (Water to powder)	8 Liters to 25 kg powder
Fresh wet density @35 °C (kg/m³)	1.8
Setting Times @ 35 °C	5-7 hours minutes
@ 50 °C	4-5 hours minutes
Compressive Strength (N / mm²)	
After 28-days	24
Bond Strength	3 N/mm ²
Flexural Strength	8 N/mm ²
Chalking	Nil
Layer Thickness	Minimum: 1 mm Maximum: 3 mm
Application Temperature	5 °C to 70 °C



Guide for Applications

Surface Preparation:

All surfaces shall be sound, clean and free from dust, oil & grease and any contaminants that may affect the bond between the product and substrates.

Mixing:

When the application is manual, add 8 liters of water to 25 kg of JCC FINE RENDER-101. For spray machine applications use 9-11 liters of water to each 25 kg bag. Keep appropriate quantity of water in a mixing container and add the powder slowly and mix it with a low speed electrical mixer with a suitable paddle for at least 3-4 minutes until uniform consistency is achieved.

Application:

After thoroughly mixing JCC FINE RENDER-101 with water, apply it on the moistened wall surface from bottom to upward direction uniformly with the help of putty application blade in one or two layers as required to achieve desired thickness 1-3 mm. Allow it to remain undisturbed for at least 48 hours.

Curing:

JCC FINE RENDER-101 is compatible with all curing agents and water. Spray water on the surfaces of applied materials every 12 hours for minimum of 3 days. In hot climates where the temperature is more than 40 ° C allow curing up to 5 days. This will minimize surface cracks, maintain uniform colour and maintain high mechanical strengths.

Cleaning:

All equipment & tools shall be cleaned with water after work immediately. Cured materials will be cleaned mechanically.

Packaging:

JCC FINE RENDER-101 is supplied in well sealed 25-Kg packs.

Storage & Shelf-life:

JCC FINE RENDER-101 shall be stored in normal conditions away from any extreme temperatures, or any source of moisture. 12-monthes if stored properly in well-closed containers.

Health & Safety:

- JCC FINE RENDER-101 is non-toxic, non-hazardous during handling, storage and use, but dust mask and gloves are recommended.
- For Ecology: Do not dispose directly to water or soil, re-use it if possible or bury it in landfill in accordance with the National regulations.
- Splashes on skin will be washed with water and soap.

JCC CONSTRUCTION CHEMICALS

The information herein is general information to assist our customers in determining whether our products are suitable for their specific applications. Our products are intended for sale to commercial and industrial customers. We require that customers should inspect and test our products before use to satisfy themselves as to the content and suitability for the application they intend to use our products for.

JCC endeavors to ensure that any advice, recommendation, specification of information in accurate and correct manner.