

# GranoRender FR®

Page 1 of 3  
Resource Code 851015  
March 2012

## DESCRIPTION

- GranoRender FR® is a high quality pre-blended fibre reinforced and polymer modified, cementitious rendering and screeding material specifically designed for thin section rendering in one application of 2-6mm.

## PRINCIPAL CHARACTERISTICS

- Suitable for interior or exterior use.
- Applies with exceptional ease to provide a wood float or sponge finish.
- Can be applied between 2-6mm thicknesses in one application.
- Applications less than 2mm require the addition of GranoBond to the gauging water.
- Superior application and adhesion properties when compared to conventional sand and cement render.

## COLOURS AND GLOSS

- Grey

## BASIC DATA AT 25°C

- **Surface Dry** Four (4) hours.
- **Recoat** Twenty four (24) hours, if required
- **Fully Cured** Seven (7) days  
All figures are quoted at 25°C and 50% Relative Humidity. Drying will take longer at lower temperatures or higher relative humidity.
- **Consistency** Dry powder
- **Texture** Grainy
- **Pot-Life** Three – four (3-4) hours when mixed
- **Coverage per coat** 4.00Kg/M<sup>2</sup> per 2mm film thickness
- **Clean-up** Thoroughly clean equipment with water.
- **Weatherability** Excellent
- **Abrasion Resistance** Excellent

## RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURE

- GranoRender FR® is suitable for application to Autoclaved Aerated Concrete (AAC) blocks or panels off-form concrete and any other fair-faced, flush and straight laid concrete block or brickwork (common, clay, Calsil® and extruded bricks), conpolcrete, some types of extruded & expanded polystyrene block and panels.
- Surface Preparation is the responsibility of the Builder, Renovator or Main Contractor and the Applicator. To achieve the indicated performance, application must be carried out according to Watty's recommendations.
- Ensure the surface is clean and dry. All substrates must be free of dirt, grease, oil, mould, release agents, bondbreakers or any other contaminants that may interfere with adhesion. Fresh cementitious substrates should be left for a minimum of 28 days before coating. There must be less than 15% moisture content in the surface at the time of coating to ensure optimum coating performance.
- **Note:** Porous substrates **must** be sealed with GranoBond® Sealcoat (G1.01). Apply by roller or spray at 0.12 L/M<sup>2</sup> allow to dry 2-6 hours **prior** to applying GranoRender FR®.
- Application **should not** be carried out if the air temperature or the substrate temperature is below 10°C or above 35°C. The temperature must not fall below 10°C during the drying process.
- Freshly applied material must be protected from frosts and rain for a minimum of forty eight (48) hours.

**INSTRUCTIONS FOR USE****Application greater than 2mm thickness**

- Mix one (1) 20 kg bag of GranoRender FR® to approximately 4.0 litres of water. Add the powder to the water steadily and mix with a power stirrer until it is smooth and lump free. GranoRenderFR® has a pot-life of 3-4 hours when mixed.
- Trowel one (1) coat of GranoRender FR® @ 8.00Kg/M<sup>2</sup> per 4mm film thickness. Allow 24 hours to dry. Apply an additional coat of GranoRender FR® if required.

**Application less than 2mm thickness**

- For application less than 2mm of GranoRender FR®, dilute GranoBond® (G1.01) 1 part to 4 parts water and use this 'milk' in place of gauging water.
- Mix one (1) 20 kg bag of GranoRender FR® to approximately 4.0 litres of GranoBond® (G1.01) milk. Add the powder to the water steadily and mix with a power stirrer until it is smooth and lump free. GranoRender FR® has a pot-life of 3-4 hours when mixed.
- Trowel one (1) coat of GranoRender FR® @ 4.00Kg/M<sup>2</sup> per 2mm film thickness. Allow 24 hours to dry. Apply an additional coat of GranoRender FR® if required.

**Curing**

- Keep damp for the first 12 hours to ensure full curing strength is developed. This is critical in windy conditions or when humidity is low.
- Allow to fully cure for 7 days or when moisture content is no greater than 15% moisture content before topcoating.
- Cementitious render products should be allowed to stand for 5 minutes after initial mixing to allow proper activation of the cement, and then be re-mixed before use.

**SAFETY DATA**

- **Caution** Provide adequate ventilation during use. Avoid inhalation of the powder, prolonged skin contact and particularly eye contact. Wear protective clothing to minimise skin contact and wear goggles where splatter is likely.
- **Spills and Disposal** Do not allow spilt material to enter drains or other watercourses. Sweep up and dispose of waste in sealed containers to minimise dust. Disposal of waste is subject to statutory control. Consult your local authority for disposal guidelines.
- **M.S.D.S.** A Material Safety Data Sheet (M.S.D.S.) is available on request.
- **First Aid**
  - If swallowed **do not** induce vomiting. Give plenty of water to drink. Contact a doctor or the Poisons Information Centre. Phone 131126 (Australia).
  - If in eyes, hold eyes open and flood with water for at least 15 minutes. Contact a doctor if any irritation occurs.
  - If on skin remove contaminated clothing, wash skin thoroughly with soap and water or a proprietary skin cleanser. Do not use solvents.
  - If affected by inhalation remove person to fresh air. If breathing difficulties persist or occur later, contact a doctor.

**ADDITIONAL DATA**

- Available in 20 kg bags.
- Bags must be dry during transport and storage.
- Bags must not be exposed to moisture, excessive heat or cold.
- **Shelf Life:** Six(6) months, if stored appropriately. This must include storage under cover, above ground, away from direct heat and moisture.
- It is recommended that application be carried out by a skilled applicator, who is totally conversant with the GranoSite products and systems, to validate full material warranty conditions.
- For further information, contact the Watty! Information Hotline. Phone 132101(Australia).

**GRANORENDER FR® IS A SURFACE PREPARATION PRODUCT AND IS USED IN CONJUNCTION WITH VARIOUS GRANOSITE SYSTEMS. AS SUCH IT IS NOT A SYSTEM IN ITSELF AND SHOULD ONLY BE USED WHERE SPECIFIED.**  
**NOTE: The approved topcoat system should be applied to this product within 3 months of curing.**

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1. This information is provided with respect to the listed Granosite products. WattyL recommends that:  
(a) you review the Technical Data Sheets (TDS) and Material Safety Data Sheets (MSDS) before you use or handle the product; (b) the product be used only in accordance with the information provided by WattyL; (c) the product be transported, stored and handled in accordance with the information on the MSDS and relevant TDS; and (d) you thoroughly test the product, using the recommended application method on a sample of intended substrate, before using the product.
  2. The information in this technical data sheet was prepared using information gathered during product development. While WattyL endeavours to update this information and maintain the accuracy and currency of its contents, WattyL cannot guarantee that the information provided is wholly comprehensive.
  3. WattyL recommends that you conduct such additional investigations as may be necessary to satisfy yourself of the accuracy, currency and comprehensiveness of the information on which you rely in using and handling the product. If you require further information please contact your nearest WattyL Office.
  4. To the full extent permitted by law, WattyL's liability for breach of a condition or warranty implied into the contract for sale between WattyL and you by law is limited at WattyL's election to: (a) the replacement of the product; or (b) payment of the cost of replacing the product.
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