

Grano Adhesive Mortar®

Page 1 of 2
Resource Code 849504

DESCRIPTION

- Grano Adhesive Mortar® Coarse or Fine is a high quality polymer modified, cementitious rendering material specifically designed for thin section rendering on expanded polystyrene sheets or blocks, bricks, AAC or over a base coat render.

PRINCIPAL CHARACTERISTICS

- Suitable for interior or exterior use.
- Applies with exceptional ease to provide a good adhesive surface for a finishing texture or plaster.
- Can be applied between 4-5mm thicknesses in one application.
- Superior application and adhesion properties when compared to conventional sand and cement render.
- Easy to apply and being pumpable can offer economies in time and labour.
- As a finish texture

COLOURS AND GLOSS

- Grey

BASIC DATA AT 25°C

- **Surface Dry** Fifteen (15) minutes
- **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** Fifteen (15) minutes when mixed.
- **Coverage per coat** 4.00Kg/M² per 4mm film thickness
- **Clean-up** Thoroughly clean equipment with water.
- **Weatherability** Excellent
- **Abrasion Resistance** Excellent

RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURE

- Grano Adhesive Mortar® is suitable for application to Expanded Extruded Polystyrene Sheets and Blocks, and 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).
- 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. There must be less than 15% moisture Wood Equivalent in the surface at the time of coating to ensure optimum coating performance.
- **Note:** Porous substrates **must** be sealed with GranoSeal® (G1.14NZ) reduced 1:1 with water and applied by roller or spray at 0.12L/M² (8.3M²/L). Allow to dry 2-6 hours **prior** to applying Grano Adhesive Mortar®.
- Application **should not** be carried out if the air temperature or the substrate temperature is below 5°C or above 35°C.
- Freshly applied material must be protected from frosts and rain for a minimum of forty eight (48) hours.
- Not suitable for walk on surfaces.

INSTRUCTIONS FOR USE

- Mix one (1) 25 kg bag of Grano Adhesive Mortar® 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. Grano Adhesive Mortar® has a pot-life of fifteen (15) minutes when mixed.
- Trowel one (1) coat of Grano Adhesive Mortar® using a stainless steel trowel at 4.00Kg/M² per 4mm film thickness. Allow 24 hours to dry.
- Apply an additional coat of Grano Adhesive Mortar® if required.

Curing

- Keep damp for the first 12 hours to ensure full strength is developed. This is critical in windy conditions or when humidity is low.
- Allow to fully cure for 24 hours or when moisture content is no greater than 15% wood equivalent before top coating.
- For Nu-Therm or Nu-Lite systems refer the Installation Guide.

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 0800 764766 (New Zealand).
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 25 kg bags.
- Bags must be kept dry during transportation and storage.
- **Shelf Life:** Six (6) months if stored appropriately. This must include storage under cover, above ground, away from direct heat and moisture and in well-sealed containers.
- 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 Helpline. Phone 0800 735551 (New Zealand).

GRANO ADHESIVE MORTAR® 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.

1. This information is provided with respect to the listed Watty products. Watty recommends that:

(a) The user should check the date of printing, and if more than 24 months have elapsed, should verify with our nearest sales office that the information is still current. (b) you review the Technical Data Sheets (TDS) and Material Safety Data Sheets (MSDS) before you use or handle the product; (c) the product be used only in accordance with the information provided by Watty; (d) the product be transported, stored and handled in accordance with the information on the MSDS and relevant TDS; and (e) 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 Watty endeavours to update this information and maintain the accuracy and currency of its contents, Watty cannot guarantee that the information provided is wholly comprehensive.

3. Watty 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 Watty Office.

4. Because we cannot control the way these products may be used, or the conditions they may be exposed to, we can give no express guarantees in respect of these products or their performance. However certain guarantees may be implied by law.

Version 1.0

Reason for issue: Change layout

Issued on: September 2010