

# GranoGranit® 2mm

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Resource Code 878209  
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## DESCRIPTION

- Pre-mixed, naturally coloured aggregates in a clear acrylic binder. Applied by trowel in a single application to give smooth, dense exposed aggregate finish.

## PRINCIPAL CHARACTERISTICS

- Suitable for interior or exterior use.
- GranoGranit® 2mm combines the colours of natural Australian aggregates with proven acrylic binder technology to create a long lasting trowel-on exposed aggregate.
- GranoGranit® 2mm is suitable for heavy traffic areas, resisting scuffing and hard knocks and weather extremes.
- GranoGranit® 2mm is are water-based for applicator safety and ease of use.

## COLOURS AND GLOSS

- GranoGranit® 2mm comes in a range of natural aggregate colours. Refer to the Granosite Colour Selector or Price list for current aggregate colours.
- For consistent colour, apply from drums with **identical batch numbers** on the same elevation, as far as possible.
- To ensure uniformity of aggregate colour, the total order for the GranoGranit® 2mm required for any specific project, must be placed with Watty upon confirmation of colour selected.
- Check response time with Watty, as delivery can be 6 to 8 weeks depending on aggregate colour and type.

## BASIC DATA AT 25°C

- **Surface Dry** Four (4) hours
- **Recoat** Twenty-four (24) hours
- **Fully Cured** Ten (10) days  
All figures are quoted at 25°C and 50% Relative Humidity. Drying will take longer at lower temperatures or higher relative humidity.
- **Density** 1.66 kg/L
- **Consistency** A single or multi-coloured aggregate in a clear to milky white liquid.
- **Texture** Smooth dense aggregate texture.
- **Coverage per coat** 5.00 Kg/M<sup>2</sup>
- **Wet Film Thickness** 2000 microns (approx)
- **Dry Film Thickness** 2000 microns (approx)
- **Moisture Control** Excellent, however the coating must not be subject to hydrostatic pressure.
- **Abrasion Resistance** Excellent
- **Tensile Strength** Excellent
- **Early Fire Hazard (AS 1530.3)**

Ignitability	(0-20)	13
Spread of Flame Index	(0-10)	0
Heat Evolved Index	(0-10)	3
Smoke Developed Index (0-10)		4
- **Thinning** Not recommended, if required thin sparingly with water.
- **Clean-up** Thoroughly clean equipment with water.

## RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURE

- GranoGranit® 2mm may be applied to off-form concrete Class 2 (AS 1510) or equivalent, cement rendered fair-faced flush-jointed concrete block and brickwork (common, clay, concrete, Calsil®, and extruded) tilt-up and pre-cast concrete. Make-good of substrate is necessary if substrate imperfections are to be eliminated. Please refer to separate Datasheets for GranoRender® (G1.10), GranoPatch® Smooth (G1.04), GranoPatch® Spackle (G1.05).
- **IMPORTANT NOTE:** When applying GranoGranit® 2mm the substrate must be uniform, both in surface quality and colour. Variable colours on the surfaces will show through the GranoGranit® 2mm (especially light aggregate colours) leaving a non-uniform result.
- 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, dust, grease, oil, mould release agents, bondbreakers and any other contaminants that may interfere with adhesion. Fresh cementitious substrates should be left for 14-28 days before coating. There must be less than 15% moisture content in the surface at the time of coating to ensure optimum coating performance.

**RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURE - continued**

- 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.
- Not suitable for walk on surfaces.
- For specific substrate preparation, see relevant specification sheets.

**INSTRUCTIONS FOR USE**

- **Full** (25kg) drums of GranoGranit® 2mm *must be* mixed with a power stirrer to an even milky consistency. Mixing part contents of a drum will upset the ratio of aggregate to binder and produce a coating with a variable sheen. If a mixing shaft is being used, the drill should be set to a low speed to prevent aeration of the material.
- Stir contents thoroughly with a power stirrer before use.
- GranoGranit® 2mm is applied in one (1) coat by stainless steel trowel to a correctly prepared and GranoBasecoat® (G1.11) primed surface.
- GranoBasecoat™ (G1.11) is tinted a similar colour to the aggregate topcoat.
- One or two coats of GranoGlaze® Gloss or Satin (G3.07) is recommended in high pollution and heavy traffic areas.

**SAFETY DATA**

- **Caution** Provide adequate ventilation during use.
- **Spills and Disposal** Do not allow spilt material to enter drains or other watercourses. Absorb spills with sand or other inert material. Unwanted paint should be kept in a sealed container, such as an empty paint can, and disposed of via special waste collection services. Check with your local Council regarding the disposal of empty paint containers
- **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 15 litre (25 Kg) containers.
- Containers must be secured and stored upright during transit.
- Containers must not be exposed to excessive heat or cold.
- Storage must be under cover, away from direct heat, freezing and moisture, in well-sealed containers.
- It is recommended that application be carried out by a skilled applicator, who is totally conversant with the Watty! Granosite products and systems, to validate full material warranty conditions.
- For further information, contact the Watty! Information Hotline. Phone 132101(Australia).

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1. This information is provided with respect to the listed Granosite products. Watty! 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 Watty!; (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 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. To the full extent permitted by law, Watty!'s liability for breach of a condition or warranty implied into the contract for sale between Watty! and you by law is limited at Watty!'s election to: (a) the replacement of the product; or (b) payment of the cost of replacing the product.