

GranoStone 1, 2 & 3.5mm®

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Resource Code 878504 – 1mm & 2mm
878709 – 3.5mm
October 2009

DESCRIPTION

- GranoStone® 1, 2 & 3.5mm consists of a tough, pigmented acrylic-based binding layer, applied first by black texture roller or spray into which is then embedded a graded aggregate in sizes of 1, 2, and 3.5mm.
- GranoStone® 1, 2 & 3.5mm must be over coated with GranoGlaze® Satin or Gloss (G3.07) to seal and provide enhanced durability and performance to the system.

PRINCIPAL CHARACTERISTICS

- Suitable for interior or exterior use.
- GranoStone® 1, 2 & 3.5mm is used to decorate, restore and protect interior or exterior vertical surfaces.
- GranoStone® 1, 2 & 3.5mm is a long lasting and economical means for simulating a wide variety of exposed aggregate and sandstone finishes in a coloured acrylic matrix.
- The versatility of GranoStone® in simulating exposed aggregate and sandstone surfaces at a low weight penalty, allows the use of lightweight construction techniques and eliminates the need for panel fixing points.
- GranoStone® 1, 2 & 3.5mm are water-based acrylic products for applicator safety and ease of use.

COLOURS AND GLOSS

- GranoStone® is available in a large range of colourfast natural aggregates and tinted acrylic bases to meet individual project colour requirements.
- GranoStone® Base may be tinted to any colour, however should be of similar to the colour of the aggregate being applied. Refer to the Granosite Colour Selector or Price list for current aggregate colours.
- Check response times with sales department, as delivery can be 6-8 weeks depending on colour and aggregate type.
- To ensure uniformity of colour, the total order for the GranoStone® required for any specific project, must be placed with Granosite upon confirmation of colour selected.
- Satin or Gloss when overcoated with GranoGlaze® Satin or Gloss (G3.07).

BASIC DATA AT 25°C

- **Surface Dry** Four (4) hours
 - **Top coat (GranoGlaze®)** Twenty (24) hours
 - **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** Thick viscous paste & graded aggregate.
 - **Coverage per coat**

GranoStone® Base	GranoStone® Base	GranoStone® Base	Granosite Aggregates		
1mm	2mm	3.5mm	1mm	2mm	3.5mm
0.50L/M ²	0.75L/M ²	1.25L/M ²	1.50Kg/M ²	2.50Kg/M ²	5.00Kg/M ²
 - **Wet Film Thickness (Base Only)** 500 microns 750 microns 1250 microns (approx)
 - **Dry Film Thickness (Base Only)** 255 microns 380 microns 640 microns (approx)
 - **Moisture Control** Excellent, however the coating must not be subject to hydrostatic pressure.
 - **Tensile Strength** Excellent
 - **Impact Resistance** Excellent
 - **Early Fire Hazard (AS 1530.3)**

Ignitability	(0-20)	11
Spread Of Flame	(0-10)	0
Heat Evolved	(0-10)	1
Smoke Developed (0-10)		4
 - **Thinning** Not required
 - **Clean-up** Thoroughly clean equipment with water.

RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURE

- GranoStone® 1, 2, 3.5mm 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).
- GranoStone® 1, 2, 3.5mm must not be applied to surfaces which are subjected to hydrostatic pressure
- Not suitable for application to metallic, timber or walk on surfaces.

RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURE - Continued

- 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.
- 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

- Stir GranoStone® Base contents thoroughly with a power stirrer before and during use.
- Apply one (1) coat of GranoStone® Base by black texture roller or Hopper spray to a correctly prepared and primed surface.
- Ensure uniformity of GranoStone Base texture before application of aggregate.
- The appropriate aggregate is sprayed by hopper gun into the GranoStone® Base whilst still wet.
- Over-sprayed aggregate, which has fallen to the ground, must **NOT** be collected for re-use as contamination may cause blotching and apparent colour variation.
- Inconsistent rate of aggregate application to GranoStone® Base will result in blotchiness and apparent colour variation.
- GranoGlaze® must be applied in an even manner. Overlapping should be avoided so as not to give gloss level differences. This and heavy applications will result in a milky appearance. Always use new rollers, frames and paint trays when applying GranoGlaze® Satin or Gloss (G3.07) or discolouration will occur
- **Airless Spray Settings** for GranoPrime® (G1.02) & GranoGlaze® (G3.07)
Tip 519-521
Air Pressure 1500 – 2000 psi
Hopper Gun Settings for Granosite Aggregate 1mm
Nozzle 4 – 6 mm
Air pressure 40-60 psi
Hopper Gun Settings for Granosite Aggregate 2 & 3.5mm
Nozzle 10-12mm
Air Pressure 40-60 psi

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

- GranoStone® Base is available 15 litre (25.5kg) containers.
- Granosite Aggregate is available in 20kg bags.
- 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 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.

