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|------------------|---|
| <b>System</b>    | <b>GranoMarble™ Membrane</b>  |
| <b>Substrate</b> | <b>Exterior</b> – New and unpainted James Hardie HardiTex® Basesheet. |
| <b>Category</b>  | Premium Texture – Water Based   |

## Product Features

GranoMarble™ is applied by trowel, creating a sophisticated grainy textured finish. GranoMarble™ is topcoated with GranoSkin® Membrane (G2.14).

## Surface Preparation

Substrate must be free from dirt, dust, oil, grease, mould or any other contaminants that may affect adhesion.

Ensure James Hardie HardiTex® Basesheets are securely fixed in accordance with James Hardie specifications. Examine sheets to ensure that there is no possibility of future sheet movement.

Tape and set joints using the jointing system for James Hardie HardiTex® Basesheet as outlined in detail diagrams on pages 2 & 3.

For the application of low profiled texture systems, GranoReady Render® (G1.12) must be trowelled over the entire surface to be coated prior to the application of these coating system.

| Application Details   | Data Sheet | Coverage                           | Film Thickness (microns) |      | Dry Times  |             |
|---|------------|------------------------------------|--------------------------|------|------------|-------------|
|   |            |                                    | Wet                      | Dry  | Touch      | Topcoat     |
| Preparatory Coat:<br><b>GranoReady Render®</b><br>(equipment: Stainless Steel Trowel)     | G1.12      | 1.50Kg/M <sup>2</sup><br>(per 1mm) | 1750                     | 1000 | 4<br>hours | 24<br>hours |
| Texture Coat:<br><b>GranoMarble™</b><br>(equipment: Stainless Steel & Red Plastic Trowel) | G2.23      | 2.21 Kg/M <sup>2</sup>             | 1400                     | 900  | 4<br>hours | 24<br>hours |
| Topcoat:<br><b>GranoSkin® Membrane</b><br>(equipment: roller or spray)                    | G2.14      | 0.30 L/M <sup>2</sup>              | 300                      | 150  | 4<br>hours | 6<br>hours  |

**Recommended Uses** For exterior or interior use.

## Additional Notes

The success of any jointing system is very much dependent on the correct construction of the framing, the fixing of the James Hardie HardiTex® Basesheet and the application of the jointing materials themselves. Wattyl recommends, that it is the responsibility of the Applicator to ensure that the substrate is of an acceptable standard prior to the application of any Granosite coating system. Surface preparation is the responsibility of the Builder, Renovator or Main Contractor and the Applicator. To achieve the indicated performance, it must be carried out according to Wattyl's recommendations.

It is recommended that application be carried out by a skilled applicator, who is totally conversant with the Wattyl Granosite products and systems, to validate full material warranty conditions.

Texture coatings will only follow the contour of the substrate, therefore in certain light conditions joints or imperfections may be apparent (Glancing or Critical Light). This is an industry issue and is not product related. Careful consideration should be given to the condition of the substrate, texture and skill of the applicator prior to application.

Dark colours will give excessive heat absorption. To avoid this, the topcoat colour must have a Light Reflective Value (LRV) of greater than 40%. It is a requirement of James Hardie that the overall dry film thickness of the coating system be 2000 microns minimum.

## Caution

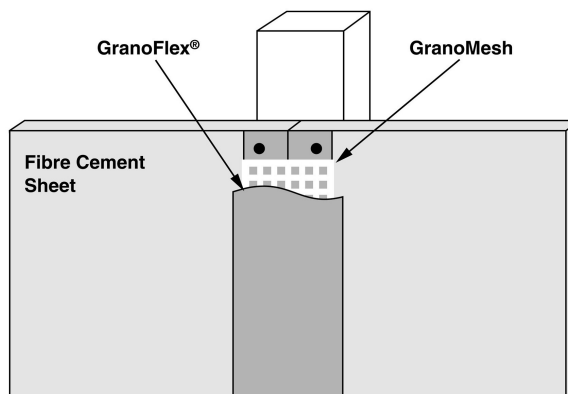
Provide adequate ventilation during use.

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.

## Paintworks Specification GS 124.16

### Granosite jointing systems for James Hardie HardiTex® Basesheet

#### GRANOFLEX® JOINTING SYSTEM

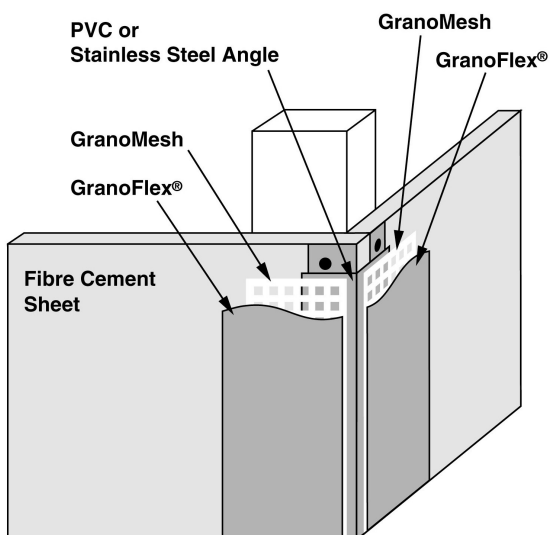


#### Joint Preparation

Thoroughly mix 20% grey builder's cement by volume into the Granoflex® (G1.15). Place the Granomesh™ into the recessed area and, trowel Granoflex® (G1.15) over the Granomesh™ ensuring that the mesh is fully encapsulated and flush with the sheet face. Allow to dry for 24 hours.

| Products   | Material usage rate per lineal metre |
|------------|--------------------------------------|
| GranoFlex® | 0.25 kg                              |
| GranoMesh™ | 1 metre                              |

#### GRANOFLEX® CORNER PREPARATION



#### Corner Joint Preparation

Thoroughly mix 20% grey builder's cement by volume into the Granoflex® (G1.15). Place Granomesh™ into the recessed area and, trowel Granoflex® (G1.15) over the Granomesh™ ensuring that the mesh is fully encapsulated and flush with the sheet face. Allow to dry for 24 hours.

| Products   | Material usage per lineal metre |
|------------|---------------------------------|
| GranoFlex® | 0.20kg                          |
| GranoMesh™ | 2 metres                        |

## Paintworks Specification GS 124.16

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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.
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