

Paintworks Specification GS 101.16

System	GranoTrowl Sand Fine® Membrane – Formerly GranoAntique® Trowel Membrane
Substrate	Exterior – New and unpainted James Hardie HardiTex® Basesheet
Category	Premium Texture – Water Based

Product Features

GranoTrowl Sand Fine® is a trowel applied pigmented acrylic texture coating giving an elegant yet rustic fine grainy textured finish. GranoTrowl® 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® Basesheets as outlined in detail diagrams on pages 2 & 3. For the application of low profiled texture systems, GranoReady Render® (G1.12) is must be trowelled over the entire surface to be coated prior to the application of these suggested systems.

Application Details	Data Sheet	Coverage	Film Thickness (microns)		Dry Times	
			Wet	Dry	Touch	Topcoat
First Coat: GranoReady Render® (equipment: Stainless Steel Trowel)	G1.12	1.50 Kg/M ² (per 1mm)	2170	1200	4 hours	24 hours
Second Coat: GranoTrowl Sand Fine® (equipment: Stainless Steel & Red Plastic Trowel)	G2.11	2.00 Kg/M ²	1095	670	4 hours	24 hours
Third Coat: GranoSkin® Membrane (equipment: roller or spray)	G2.14	0.30 L/M ²	300	150	4 hours	6 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® Basesheets 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.

To reduce absorption variations, a coat of GranoPrime is recommended over the GranoReady Render. Failure to do this may result in some gloss variability in the final coat of GranoSkin Membrane.

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.

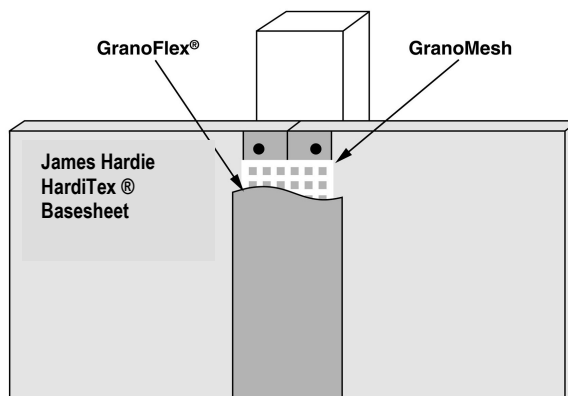
Caution

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.

Granosite jointing systems for James Hardie HardiT[®] Basesheet

GRANOFLEX[®] JOINTING SYSTEM

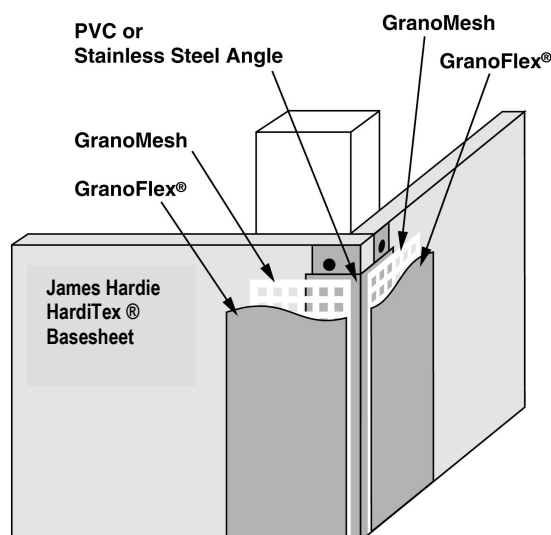


Joint Preparation

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

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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.
