

Surface Preparation

PREVIOUSLY COATED: Oil based / enamel exterior surfaces

Remove all paint, which is soft, blistered, loose, or flaking back to a firm edge. Areas where the previous coatings were powdery, remove all powder. Wash all surfaces with mild detergent to remove contaminants, rinse with clean water. Remove all gloss on painted surfaces with 220 abrasive paper. Fill any cracks, holes or imperfections with GranoPatch® Smooth (G1.04NZ), allow to dry, sand back and dust off.

PREVIOUSLY COATED: Water based / acrylic exterior surfaces

Remove all paint, which is soft, blistered, loose, or flaking back to a firm edge. Areas where the previous coatings were powdery, remove all powder. Wash all surfaces with mild detergent to remove contaminants, rinse with clean water. Fill any cracks, holes or imperfections with GranoPatch® Smooth (G1.04NZ), allow to dry. Sand back and dust off.

PREVIOUSLY COATED: Change existing texture

Remove all coating, which is blistered, loose, or flaking back to a firm edge. This can be achieved through high-pressure water cleaning at 500-1000 psi. Allow to dry.

Repair and replace any areas which are not sound (eg. Concrete cancer / spalling, drummy render etc).

Skim entire surface with GranoPatch® Smooth (G1.04NZ) applying one coat to the entire surface. Allow 24 hours to dry. Apply an additional coat of GranoPatch® Smooth (G1.04NZ) if required.

PREVIOUSLY COATED: Rejuvenate existing texture

Remove all coating, which is blistered, loose, or flaking back to a firm edge. This can be achieved through high-pressure water cleaning at 500-1000 psi. Allow to dry.

Repair or replace texture to match existing where required. Allow to dry.

Apply one (1) coat of GranoBasecoat™ (G1.11NZ). Allow to dry. Apply one (1) coat GranoImpact® (G2.01NZ) or GranoSkin Membrane® (G2.14NZ). Both coats to be tinted to desired colour.

Apply one (1) coat of GranoPrime® (G1.02NZ) undiluted. Allow to dry. Apply two (2) coat GranoImpact® (G2.01NZ) or GranoSkin® Membrane (G2.14NZ).

Note GranoSkin® Membrane (G2.14NZ) options must be used when rejuvenating Autoclaved Aerated Concrete (AAC) blocks or panels, Fibre Cement Sheets, Polystyrene or Ritek Sheeting systems.

PREVIOUSLY COATED: Painted Brick & Concrete Block (where a render is required)

Remove all traces of gloss from previous coatings by sanding and dust off.

Remove all paint, which is soft, blistered, loose, or flaking back to a firm edge. This can be achieved through high-pressure water cleaning at 1500-2000 psi. Allow to dry.

Apply GranoBond® (G1.01NZ) keycoat system liberally (0.5L/m²) to surface and allow to dry for 24 hours.

Render surface with Grano Adhesive Mortar (G1.06NZ) or Grano Modified Render® (G1.10NZ). Allow to cure 7 days. There must be less than 15% moisture wood equivalent in the surface at the time of application to ensure optimum coating performance.

For raked joints apply in two coats first filling the joints flush with brick work then skim coating the whole surface.

For flush joints apply one coat directly to the surface.

PREVIOUSLY COATED: Coloured Renders & Lime Washes

Substrate must be free from dirt, dust, mould efflorescence and chalk.

Surface must not be subject to hydrostatic pressure (e.g. untanked planter boxes).

Mix 7.5 litres of clean water with 3 litres of grey builders cement and mix to a smooth slurry with a power stirrer.

Mix the previously prepared slurry into 15 litres of GranoPrime® (G1.02NZ) to create a smooth texture. The total mixture is 1 part water, 2 parts GranoPrime® (G1.02NZ) and 0.4 parts cement.

Apply this mixture by 10-12 mm pile roller to the substrate at an approximate rate of 0.12NZ L/m².

It is essential to allow 24 hours curing before proceeding with overcoating.

PREVIOUSLY COATED: Ceramic Tiles

Remove unsound tiles and replace.

Wash all surfaces with mild detergent to remove contaminants, rinse with clean water.

Apply GranoBond® (G1.01NZ) keycoat system liberally (0.5L/m²) to surface and allow to dry for 24 hours.

Fill any cracks, holes or imperfections with GranoPatch® Smooth (G1.04NZ), allow to dry, sand back, dust off.

NEW & UNCOATED: Off Form Concrete

Ensure all new cementitious substrates are fully cured prior to painting. Typically this may take a minimum of 4-6 weeks. There must be less than 15% moisture wood equivalent in the surface at the time of application to ensure optimum coating performance. The surface must not be subject to frequent wetting or hydrostatic pressure. Any foreign material that may affect adhesion must be removed prior to coating. Grind off any protruding formwork joints.

Patching & Skimming Imperfections: Examine surfaces closely for air holes and imperfections, fill or skim as required with a GranoPatch® Smooth (G1.04NZ), block down, allow to dry, sand back and dust off.

Rendering: Apply GranoBond® (G1.01NZ) keycoat system liberally (0.5L/m²) to surface and allow to dry for 24 hours. Render surface with Grano Adhesive Mortar (G1.06NZ) or Grano Modified Render® (G1.10NZ). Allow to cure 7 days.

NEW & UNCOATED: Cement Render

Allow fresh/newly laid cement to cure for minimum 14-28 days. There must be less than 15% moisture wood equivalent in the surface at the time of application to ensure optimum coating performance.

Any foreign material that may affect adhesion must be removed prior to coating.

Thoroughly block down entire surface to remove all loosely adherent sand, etc. Sweep surface, working top to bottom, with a stiff brush, removing all traces of dust or dirt.

Examine surfaces closely for imperfections. Repair imperfections with a GranoPatch® Smooth (G1.04NZ), allow to dry, sand back and dust off.

NEW & UNCOATED: Brick & Concrete Block

Substrate must be free from dirt, dust, oil, grease, mould or any other contaminants that may affect adhesion. All scaling, efflorescence, mould, mastic compound or any other foreign material must be removed prior to painting.

Remove all traces of loosely adhering material by scraping, grinding or wire brushing, etc.

Render surface with Grano Adhesive Mortar (G1.06NZ) or Grano Modified Render® (G1.10NZ). Allow to cure 7 days. There must be less than 15% moisture wood equivalent in the surface at the time of application to ensure optimum coating performance.

For raked joints apply in two coats first filling the joints flush with brickwork then skim coating the whole surface.

For flush joints apply one coat directly to the surface.

NEW & UNCOATED: Tilt-up and Pre-cast Concrete

The surface must be free from bondbreakers, release agents, dirt, dust, or other contaminants that may interfere with adhesion. Bondbreakers or release agents must be removed with GranoTilt-Clean™ (G1.13NZ) prior to coating. To test for bondbreakers, wet the surface. If the water beads and runs off, the bondbreaker has not been removed. If the water soaks into the surface the bondbreaker has been removed.

Fresh cementitious substrates should be left for a minimum of 28 days before coating. There must be less than 15% moisture wood equivalent in the surface at the time of application to ensure optimum coating performance.

Grind off any protruding formwork joints. Examine for air holes and defects, fill with GranoPatch® Smooth (G1.04NZ), block down, sand to an even finish, dust off.

NEW & UNCOATED: Autoclaved Aerated Concrete (AAC) - Blocks

All scaling, efflorescence, mastic compound or any other contaminants that may affect adhesion must be removed prior to coating. Remove all traces of loosely adhering material by scraping/wire brushing. Sweep or air blow remaining particles from joints.

Seal surface with GranoSeal® (G1.14NZ), applying an even coat to the entire surface.

Render surface with Grano Adhesive Mortar (G1.06NZ) or Grano Modified Render® (G1.10NZ), applying one coat to the entire surface. Allow to dry.

NEW & UNCOATED: Autoclaved Aerated Concrete (AAC) - CSR PowerPanels®

All scaling, efflorescence, mastic compound or any other contaminants that may affect adhesion must be removed prior to coating. Remove all traces of loosely adhering material by scraping/wire brushing. Sweep or air blow remaining particles from joints. Fill air holes and defects, with GranoPatch® Smooth (G1.04NZ), block down, sand and dust off.

For Low Profiled Textures Systems: (Such as GranoAntique® (G2.11NZ), GranoClassic® (G2.08NZ), GranoNouveau® (G2.10NZ), GranoModena Sand (G2.16NZ), GranoSahara®(G2.12NZ), GranoSorrento® (G2.13NZ), and GranoSkin® Membrane High Profile(G2.14NZ).

Seal surface with GranoSeal® (G1.14NZ), applying an even coat to the entire surface.

Render surface with Grano Adhesive Mortar (G1.06NZ) or Grano Modified Render® (G1.10NZ), applying one coat to the entire surface. Allow to dry.

High Profile Textures Systems: (Such as GranoTrowl® 2 & 3mm (G2.07NZ), GranoPearl® (G2.06NZ) and GranoTex® 2mm (G2.03NZ).

In most cases does not require a render coat and the Granosite system can be applied directly to the panels. Fill air holes and defects, with GranoPatch® Smooth (G1.04NZ), block down, sand and dust off.

NEW & UNCOATED: Compressed Fibre Cement (CFC)

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

Ensure all sheets are installed as per the manufacturers specification and installation manual.

Repair damaged areas with GranoPatch[®] Smooth (G1.04NZ), or sand back, dust off.

NEW & UNCOATED: Fibre Cement Sheets (FCS)

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

Ensure Fibre Cement sheets are securely fixed in accordance with manufacturer's specifications.

Thoroughly mix 20% general purpose builder's cement by volume into the GranoFlex[®] (G1.15NZ). Place GranoMesh into the recessed area and, trowel GranoFlex[®] (G1.15NZ) over the GranoMesh ensuring that the mesh is fully encapsulated flush with sheet face. Allow to dry for 24 hours.

Apply the desired Granosite texture system/s as recommended for Fibre Cement Sheets.

NEW & UNCOATED: Paperfaced Plasterboard

Sweep the surface to remove dirt, dust, etc. Examine nailing points and spot joints for stability.

Fill any cracks, holes or imperfections with GranoPatch[®] Smooth (G1.04NZ), allow to dry, sand back, dust off.

Apply a coat of Watty! Pigmented Wallboard Sealer. Allow to dry for 24 hours.

NEW & UNCOATED: Polystyrene

Substrate must be free from dirt, dust, oil, grease, mould or any other contaminants that may affect adhesion. Ensure the sheets are securely fixed in accordance with manufacturer's current specifications. Examine sheets to ensure that there is no possibility of future sheet movement.

The success of any sheet system is very much dependent on the correct construction of the framing, the fixing of the sheeting and the application of the rendering materials themselves. Watty! 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.

Apply one (1) coat of GranoBond[®] (G1.12NZ) Bondcoat by roller or brush @ 0.15NZL/M² and topcoat WHILE STILL TACKY with the Grano Modified Render[®] and GranoMesh[™] rendering system for polystyrene.

NEW & UNCOATED: Steel

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

All scaling, stains, mastic compound or any other foreign material must be removed prior to painting.

Remove rust and other surface contaminants by wire brushing.

Wash with a mild solvent such as mineral turpentine and wipe dry with a clean cloth.

Apply two coats of Watty! KILLRUST[®] Metal Primer. Allow 24 hours to dry.

NEW & UNCOATED: Aluminium

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

All scaling, stains, mastic compound or any other foreign material must be removed prior to painting.

Degrease with mineral turpentine, wipe dry with a clean cloth.

Apply one coat of Watty! KILLRUST[®] ETCH PRIMER[®] and allow to dry for 6 hours.

NEW & UNCOATED: Galvanised Iron

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

All scaling, stains, rust, mastic compound or any other foreign material must be removed prior to painting.

Degrease with mineral turpentine, wipe dry with a clean cloth.

Apply a coat of KILLRUST[®] Galvanised Iron Primer and allow to dry (2 hours).

NEW & UNCOATED: Customwood / Craftwood

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

Fill nail holes and joints with WattyI Timber Putty, sand down, dust off.

NEW & UNCOATED: Marine Plywood

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

Examine sheets to ensure that there is no possibility of future sheet movement.

Ensure jointing compounds used to set joints are fully cured.

Fill any damaged areas with GranoPatch[®] Smooth (G1.04NZ), or sand back, dust off.

Apply one (1) coat of GranoReady Render[®] (G1.12NZ) at an average of 1.5mm thick. Whilst still wet embed the GranoMesh into the GranoReady Render[®] (G1.12NZ) ensuring that the mesh is fully encapsulated. Overlap the GranoMesh by 100mm at the ends where the mesh meets. Allow 24 hours to dry. Apply an additional coat of GranoReady Render[®] (G1.12NZ) at an average of 1.5mm thick.