

### SYSTEM: ROCKCOTE Reinforced Render (RRR) System.

This is a generic coating specification applicable to polystyrene walling systems including Perform Guard® “Grey Board”, Green Board, Exin Building Panel, Quik’n Tuff Panel, Foamular-Metric

NB: We do not recommend ROCKCOTE pre-bagged cement render products over cement sheeting including James Hardie Blue Board and its equivalents.

### SURFACE PREPARATION

All surfaces should be clean and free from dirt, dust, oil, silicone and/or any loose materials before application. A key-coat slurry made with a mixture of a minimum of 25%:75% ROCKCOTE Acrybond/Water added to ROCKCOTE QRender PM100 is applied to the polystyrene panel by trowel or bagging and allowed to dry for a minimum of 24 hours before application of subsequent QRender PM100 coats.

### APPLICATION

#### Important points to note.

- The cement render is ROCKCOTE’s QRender PM100.
- The base coat in every case is the ROCKCOTE Reinforced Render System, with the reinforcement just below the surface of the render.
- Reinforcement strips 300mm x 200mm are applied and must be embedded into the QRender PM100 at 45 degrees across the resurgent corners of all openings. This reinforcing should be placed on the board surface prior to rendering.
- ROCKCOTE QRender PM100 is applied at 4 – 6mm dry film thickness (DFT). At this point, the render is leveled and straightened using an aluminium ‘H’ section or Darby.
- The fibreglass reinforcing mesh\* is embedded into the wet QRender PM100 just below the outside surface of the render not close to or touching the substrate.
- The fibreglass mesh must overlap at joints by at least 50mm and must overlap the outside edge of all beading.
- A further light skim may be applied to achieve the desired finish. This must be done as a single coat system i.e. before the QRender PM100 has dried. The surface can be trowelled or floated to make the substrate suitable for the next application.
- The reinforced QRender PM100 must be overcoated with a ROCKCOTE acrylic render (eg Polymer Render) or an acrylic textured coating (eg Santa-Fe, Trowel-On, Finecote, Sandcote Plus) to a minimum dry film thickness of 1mm.
- The selected top coat(s) eg. Armour, Toscani, Render Paint are then applied (see ROCKCOTE Specification “Performance Characteristics of ROCKCOTE Render Systems [RR Systems]” for information on categories of finish).
- Film builds, re-coat times etc are as per specification for the products selected.

NB: To avoid cracking and other problems, there can be no deviation from the above, particularly in the positioning of the fibreglass mesh and in the application of not less than 1mm dry film thickness of acrylic render or acrylic textured coating. i.e. Do not apply top coats of Render Paint, Toscani, Armour etc directly over the ROCKCOTE QRender PM100.

#### \*Fibreglass Reinforcing Mesh

The reinforcing mesh must be ROCKCOTE alkali resistant glass fibre mesh, minimum weight 150gms/m<sup>2</sup> with a maximum mesh size of 4.5mm x 4.5mm.

#### Indemnity

The application of ROCKCOTE QRender PM100 is a specialist procedure and should only be carried out by a skilled and experienced applicator and in accordance with our technical specifications. Due to our policy of continuing product improvement ROCKCOTE Enterprises Pty Ltd reserves the right to change these specifications without further notice.