Installation Instructions

Full details for each step are found in the Design and Installation Manual. All installations must comply with the construction details shown in the Design and Installation Manual. You can download the Design and Installation manual from our website – www.insulclad.com.au

1. Approved breather type sarking must be installed over frame prior to mounting panel. Cut sarking and seal all penetrations with approved sarking tape installed as per the construction details. Then go to step 3 if installing Direct Fixed System.

Stage 1: Fixing

2. Mount Insulclad Cavity Battens if installing Cavity System.
3. Mount panel with recommended fixings.
4. Glue edges of every adjoining panel using recommended Polyurethane Foam Sealant as the panels are placed into position.
5. Glue all uPVC trims into place using the recommended MS Adhesive/Sealant.
6. As per construction details, seal all penetrations using the recommended MS Adhesive/Sealant

Stage 2: Preparation

7. Prime all uPVC trims using Insulclad Joint Patch & Primer Additive mixed with Insulclad Base Render to a slurry consistency. Go to step 10 if installing Pre-Mesh Panels.
8. Apply Insulclad Base Render to entire surface.
9. Then immediately apply 1200mm x 50m reinforcing mesh to entire surface. Bed mesh into Base Render by trowelling the entire surface so that the mesh sinks below the surface of the Base Render by approx.1mm.
10. Place 200mm wide strips of self-adhesive mesh on a 45° angle over the corners of all penetrations and bed-in by trowelling into the Base Render that was already applied to wall surface from previous step.
11. If using Pre-Mesh Panels set all panel joints with 200mm wide self-adhesive mesh bedded-in with a mix of Insulclad Joint Patch & Primer Additive and Base Render.

Stage 3: Finish

12. Apply Finish Render in combinations of build coats as recommended in Render Finishes Guide to gain adequate cover over all fixings and trims and any other imperfections that may be present. This will depend upon your choice between Pre-Mesh or Core Panel as well as your desired final finish.
13. Apply Finish Render as a finish coat as recommended in Render Finishes Guide. This will depend upon your choice between Pre-Mesh or Core Panel as well as your desired final finish.
14. Re-seal all penetrations after rendering is completed using the recommended MS Adhesive/Sealant.
15. Paint surface using a 100% acrylic primer/paint system, applying at least two coats

RENDERED   WALL SYSTEM