EpsiCoat Mineral Render PLUS – Application Guide

[masonry substrate with insulation]

1. The substrate must be brushed down to remove any friable material, algae or lichen and fungicidal wash applied where necessary.

2. The insulation boards will require bedding to the substrate using Styrofix Bedding Adhesive on high rise applications or to level the boards on an uneven substrate. For wet fix applications, stabilising solution may be required to help improve adhesion and offer uniform suction. Please contact the Wetherby Technical Department for further advice on adhesively fixing insulation boards.

3. Attach base rails, full system stop beads and trims. Install all beads and trims using approved Wetherby fixings at a maximum of 300mm centres and 50mm from each end.

4. Place first insulation board onto base rail and secure with approved Wetherby mechanical fixings at a rate of 8 – 9 fixings per m² in accordance with Wetherby fixing pattern. Continue with additional boards ensuring that a staggered laying pattern is adhered to. All boards must be interleaved at external corners. Joints should be tightly butted to eliminate thermal breaks and there should be no joints in boards at window or door openings.

5. Where the insulation boards butt up against dissimilar materials, Wetherby Sealing Tape should be affixed to the adjacent surface and the boards fitted tight against the seal to allow full compression of the tape.

6. Cut through the insulation board using a level to mirror existing structural movement joints where required. Ensure 2 fixings per board are installed either side of the movement joint. Install surface stop beads as required.

7. Mix the Styrobond-M Scrim Adhesive (using water volume as specified on the rear of the bag) to a pliable consistency and trowel apply initial coat to insulation boards at a thickness of 4-6mm.

8. Bed in alkali resistant reinforcing mesh into top third of scrim adhesive, ensuring a minimum overlap of 75mm is achieved. Ensure all PVC wings of beading are overlapped with scrim cloth. Mesh should be kept taught and fixed from the top down. There should be no overlaps within 150mm of any reveal or corner.

9. Apply additional stress patches using 200mm x 300mm off-cuts of mesh positioned at 45° to window and door openings.

10. Bed meshed corner beads into the basecoat, to external corners and around openings as required.

11. When scrim adhesive is dry, apply a secondary tight levelling coat at 2-4mm to the entire wall surface to ensure that the mesh is fully covered. Smooth to a flat surface using a damp dry lining sponge (or similar) and allow to dry fully before applying EpsiCoat Primer.

12. Using a roller, apply a generous coat of EpsiCoat Primer ensuring a full coverage and allow to dry.

13. Thoroughly mix the EpsiCoat Mineral Render PLUS texture to a uniform consistency, using a clean, rust-free low speed mixer. Add between 4.25 and 4.50 litres of clean water per bag, depending on working temperatures – if unsure, please contact the Wetherby Technical Department for further advice.
    Water consumption rates must be closely adhered to in order to ensure colour consistency and estimated setting times. When mixing, powder should always be added to water to ensure a homogenous mix. Do not re-temper. Apply in a continuous motion always working towards a wet edge. Rub over texture with a plastic trowel in a circular motion to seal the texture and provide the desired consistent finish.

    NB: EpsiCoat Mineral Render PLUS is a quick setting product and will start to set hard within 2 hours. Please take care to only mix the required amount for specific elevations and completely utilise the render within a realistic time frame.