

APPLIED TO BRICKWORK, INCORPORATING PHENOLIC INSULATION & A SILICONE FINISH



- Surface Preparation: When applying directly to existing brickwork / blockwork / rendered surface, the substrate should be brushed down to remove any friable material, algae or lichen and a generous coat of fungicidal wash applied.
- If an insulation adhesive is not required, any ridges or protrusions should be removed and hollows filled to provide a flat surface.
- Attach base rails & surface profiles.
- Install all beads and trims using approved WBS fixings at a maximum of 300mm centres (depending on the substrate – please consult WBS technical department for assistance).
- For uneven surfaces and installations over 3 storeys
- Insulation boards should be both adhesively fixed to the substrate using WBS Insulation Adhesive and also mechanically fixed as below thereafter. Please consult WBS Technical Department for assistance.
- Place first insulation board onto base rail and secure with approved WBS mechanical fixings at a rate of 8 – 9 fixings per m² in accordance with WBS 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.
- Where the insulation boards butt up against dissimilar materials, WBS Sealing Tape should be affixed to the adjacent surface and the boards fitted tight against the seal to allow full compression of the tape.
- Mix scrim adhesive (as specified) to a pliable consistency and trowel apply an initial coat onto the insulation to a minimum of 4-6mm.
- Bed in alkali resistant reinforcing mesh into top third of scrim adhesive, ensuring a minimum overlap of 75mm is achieved. Mesh should be kept taught and fixed from the top down. There should be no overlaps within 150mm of any reveal or corner.
- Apply corner reinforcements and bed in additional stress patches (using 200mm x 200mm off-cuts of mesh) positioned at 45° to window and door openings. Fix surface render beads and dub out as required.
- When scrim adhesive is dry, apply a secondary tight levelling coat of scrim adhesive at 2-4mm to the entire wall surface to ensure that mesh is fully covered. Smooth to a flat surface using a damp dry lining sponge (or similar) and allow secondary coat to dry fully before applying primer coat.
- Thoroughly mix WBS primer (supplied in liquid form, ready for use, colour to match final texture coat) and apply over scrim adhesive with a roller and leave to dry.
- Finally, thoroughly mix the pre-mixed WBS Silicone texture to a uniform consistency, using a clean, rust-free low speed mixer. Apply in a continuous motion always working to a wet edge.