

ENVIRO-BRICK (Simulated Brick Render)

Enviro- Brick Render is a cement-based, self coloured and ready mixed render, requiring only the addition of water. It is applied in two different coloured coats, the top coat then being cut through to expose the mortar layer, creating a brick affect. Brick-Rend is BBA & ISO 9001 approved and conforms to BS 5262 Type II.

Brick-Rend can be applied over any Envirowall Base Coat. See separate Product Fact Sheet on Base Coats, or seek technical advice.

COLOUR

- 50mm samples are provided on request, for colour indication only.
- A Site sample panel is recommended to ensure that the specifier is satisfied with the render colour and texture.
- Enviro-brick materials are manufactured from natural products, and slight shade variations may occur.

APPLICATION

The working day areas of application will be dictated by the skill of the operatives, weather conditions and architectural requirements.

Where possible, application on individual wall surfaces should be completed in one operation. Where this is not practical, day work joints to be agreed with the architect.

(A) Mortar Layer

Add approximately 4 – 5 litres of clean water to each 25kg sack of material; mix thoroughly for a minimum of 5 minutes.

The mixed materials are then applied to the prepared background, 6 – 8mm thick, using hawk and trowel or projection render machine. Rule off to a flat finish.

Do not over-trowel, polish surface, or apply water during set.

Coverage: 1.8kg per mm thick per sq. metre

Required: 10 – 15kg per sq. metre approximately.

(B) Face Layer

After the mortar layer has started to stiffen, the face layer is applied. It must not be applied if the mortar layer has been allowed to dry and/or set.

Add approximately 4 – 5 litres clean water to each 25kg sack of material. Mix thoroughly for a minimum of 5 minutes.

The mix is applied on to the mortar layer following its initial stiffening, using hawk and trowel, or projection render machine.

It is applied to an average thickness of 3-5mm.

It can also be shaded – see © below.

Coverage: 1.8kg per mm thick per sq. metre

Required: 5 – 10kg per sq metre approximately.



(C) Shading

To achieve the desired shading effect, apply Envirobrick in powder form, in contrasting or blending shade, to freshly applied face layer using hand dispenser or hopper spray. Immediately texture the surface – see (D) below.

(D) Texturing

To achieve a textured surface finish, use the appropriate tool – stiff brush, comb, sponge, spatula or other implement as required, but do not over-trowel, polish surface or apply water during set. The skill of the operator will determine the finish.

(E) Cutting and Marking Out

After the face layer has been shaded and textured, and following initial stiffening of the applied materials, the face layer is cut through and the mortar layer cut into, using an appropriate cutting tool.

This reproduces recessed mortar coursing of the brickwork or stonework; spirit levels, templates and straight edges should be used for guiding this operation. Experience will dictate the best time for the operation to take place; too soon and the spirit levels and other guides will mark and spoil the surface, the cutter will rag and tear the material; too late and it becomes difficult and then impossible to cut. At the correct time a clean cut is easily achieved.

(F) Brushing

Following further stiffening of the materials and using a soft bristled brush, lightly brush and remove any face materials left by the cutting out process, taking care not to bruise surface skin of face materials.

