

Product Data Sheet – Struc-Brick Rend

Struc-Brick Rend 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 effect. Structherm Brick Rend is BBA & ISO 9001 approved and conforms to BS 5262 Type II.

Brick rend can be applied over any Structherm Basecoat. See separate Product Data Sheet on Structherm Basecoats or seek technical advice.

COLOUR

- 50mm sampled from an extensive range 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
- Structherm 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) Base 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. meter
Required: 10-15kg per sq meter approximately

(B) Face Layer

- After the mortar 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 (C)
Coverage: 1.8kg per mm thick per sq meter
Required: 5-10kg per sq meter approximately

(C) Shading

- To achieve the desired shading effect, apply Struc-Brick Rend 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 Making 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 reproduced recessed mortar coursing of the brick-work 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.

SITE CONDITIONS

Struc-Brick Rend should be used when the temperature is between 5°C to 35°C.

Struc-Brick Rend renders must not be applied to frozen or thawing supports. If the coating must be applied in adverse weather conditions, it is essential to protect both the working area and finish before and after application

CLEANING

All equipment should be cleaned with water after use. Set nibs from the mixer can cause problems. Residue must not enter drainage systems.

PACKAGING

- Struc-Brick Rend renders are usually packed 40 sacks per tonne, loaded 70 per 1.75 tonne pallet
- All render sacks must be protected on site
- Shelf life is approximately one year in dry conditions in original packaging.
- It is important to note that all Structherm renders are non-returnable.

TECHNICAL ADVICE

A technical advisory service is available on request.
