



TECHNICAL DATA SHEET

Envirobrick – Brick/Stone Effect Render

Product Code: ESPS/BR-TC/stan/Colour code



SPS ENVIROWALL PROMOTES THE RE-USE –RECYCLING AND RESPONSIBLE DISPOSING OF ALL OF ITS PRODUCT RANGE, VIA THE LOCAL ENVIRONMENTAL RECYCLING SCHEMES.

Characteristics

Envirobrick 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 or stone effect.

Technical Data

Envirobrick is supplied 25kg paper sacks; palletised (40) bags and shrink wrapped. Do not mix binders and additives.

Consumption

1.8kg per mm thick per Sq. metre approx. 15kg per m² dependant on line and level of the application surface. Mortar Layer is applied approximately 6-8mm thick, Face Layer applied approximately 3-5mm thick.

Working Temperature

Envirobrick should only be applied between 5°C and 35°C

Substrate

All surfaces must be sound, clean, dry, not frozen or thawing and free of any material which may impair adhesion. If in doubt about the substrate please consult our Technical Department for advice

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 without breaks in one operation. If breaks cannot be avoided they can be terminated where services or architectural features, such as drainpipes, reveals or lines of doors and windows, which help mask joints.

Mortar Layer - Add approximately 4-5 litres of clean water to each 25kg bag 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.

Warning: DO NOT over-trowel, polish surface, or apply water during set. After the mortar layer has started to stiffen, the face layer is applied.

NB: The Face Layer must not be applied if the mortar layer has been allowed to dry and/or set.

Face Layer - Add approximately 4-5 litres of clean water to each 25kg bag 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.

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

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

TECHNICAL DATA SHEET

Envirobrick – Brick/Stone Effect Render



Product Code: ESPS/BR-TC/stan/Colour code

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 brick-work or stone-work, 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. 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.

Provisions must be taken to protect Envirobrick against torrential rain and also from drying too quickly. Where possible avoid working in direct sunlight. Covering the façade and scaffold as a precaution will help prevent the Envirobrick from drying prematurely.

Do not apply when the substrate or the environmental temperatures are below 5° C or above 35° C. Tools and equipment must be cleaned with water immediately after use. Surrounding building parts, such as windows, window-sills etc. must be properly protected before application.

Storage

The product must be stored in dry conditions, shelf-life is approximately 12 months if stored in original packaging.

Certificates/approvals

Identification

All SPS Envirowall products are factory blended, tested and packaged to high quality control procedures.

Special Information

Disposal

RECYCLING AND RESPONSIBLE DISPOSING OF ALL OF ITS PRODUCT RANGE, VIA LOCAL ENVIRONMENTAL RECYCLING SCHEMES.

Do not empty contents into the ground, water courses or drains. Check local landfill requirements for correct disposal. See the SPS Envirowall Limited Health & Safety data sheet on this product for information regarding the safe disposal of this product.

The information supplied in this Technical Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

Our application recommendations, whether verbal, written or as graphics, are given to the best of our knowledge and the state of the art. Information about values, quantities etc. are based on approximate figures. The recommendations do not constitute a legally binding warranty of quality. In particular no liability claims may be based on these recommendations; the provisions of the product liability law remain unaffected.

The recommendations do not release the purchaser from his own duty to test the product or from his own responsibility, and in particular they do not release the purchaser from compliance with the relevant technical guidelines, regulations, DIN and laws. Publication of a revised version of this technical information sheet due to technical progress invalidates all older versions of this document.