

## TECHNICAL DATA SHEET

### Envirorend Basecoat

**Product Code:** ESPS/EXG-BC



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

#### Characteristics

Envirorend basecoat is a reinforcing and levelling basecoat coat used in combination with reinforcement mesh. Applied directly onto the face of the insulation or RendaClad boards as a part of SPS Envirowall External Wall Insulation and RendaClad render carrier board systems.

#### Technical Data

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

##### **Consumption**

Approximately 4.5kg/m<sup>2</sup> dependant on line and level of the application surface.

#### Substrate

All surfaces must be sound, clean, dry and free of any material which may impair adhesion. If in doubt about the substrate please consult our Technical Department for advice

#### Application

Mix thoroughly following the bagged instructions with clean water, allowing for the standing and re-whisking periods to ensure the polymers are evenly distributed, which is the reason it cannot be applied through a pumping machine.

Drying time: approx. 2-3 days depending on substrate and weather conditions. Do not apply at temperatures below +5°C or on frozen substrates.

Apply Envirorend basecoat to a thickness of between 3-5mm as an overall thickness, inclusive of the 1-2mm Slurry coat layer, to the sound substrate using a stainless steel trowel. Comb through with a tooth trowel to achieve a consistent depth of base-coat. Float specified reinforcing mesh into the top of the base-coat render, ensuring a minimum horizontal and vertical overlap of 100mm.

After the application of the main reinforcing mesh, bed on with basecoat 300 x 500mm minimum pieces of reinforcing mesh diagonally across corners of all wall openings. Bed on internal corner reveal reinforcing strips of mesh (the same depth as the reveal) to all window and door openings; ensure the reinforcing strips return from the corner of the reveals 150mm.

Then apply a 1-2mm slurry coat of basecoat which requires to be sponged flat ready to receive a thin coat finish or requires a key ready to receive dash, brick slips and brick effect render finishes.

The basecoat must be allowed to dry and shrink for approximately 2 days in good drying conditions prior to applying the primer and topcoat. The surface must be flat, clean, and dry and free from dust, grease, chalking or anything else likely to prevent a good bond, prior to applying SPS Envirowall finishes.

Provisions must be taken to protect the basecoat 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 basecoat from drying prematurely.

Do not apply when the substrate or the environmental temperatures are below 5° 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.

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#### Storage

The product must be stored in dry conditions, in unopened bags it can be stored for at least 6 months. Once opened bags should be used as soon as possible.

#### Certificates/approvals

#### Identification

All SPS Envirowall products are factory blended, tested and packaged to quality control procedure in accordance with BS EN ISO 9001 series.

#### 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.