

TECHNICAL DATA SHEET

PVC Beads, Trims and Accessories

Product Codes: Common PVC system beads and accessories.
 ESPS/AB***, ESPS/SB***, ESPS/MJ***, ESPS/BC***, ESPS Firtree,
 ESPS1023, ESPS2191, ESPS1055, ESPS1060, ESPS2051, ESPS2030
 ESPS-TS-HR, ESPS-TS-VR, ESPS-TS-TR, ESPS-TS-IM, ESPS-TS-DC
 ESPS3654, ESPS/MJ3035, ESPS-3655, ESPS-PO**, Other PVC beads are also available.



SPS ENVIROWALL PROMOTES THE RE-USE –RECYCLING AND RESPONSIBLE DISPOSING OF ALL OF ITS PRODUCT RANGE, VIA LOCAL ENVIRONMENTAL RECYCLING SCHEMES. BEADS ARE SUPPLIED IN CARDBOARD BOXES WHICH ARE FULLY RECYCLABLE.

Characteristics

SPS Envirowall supply a comprehensive range of beads, trims and accessories available in PVC to suit all requirements of our external wall insulation and render only systems. Primarily used as components in Wall Systems 1 & 2, RendaClad, TS Rail systems and render-only surface mounted beads. PVC is durable and weather resistant. Available in white as standard, PVC beads are light weight and cost effective and easy to install.

Technical Data

Both rigid PVC (DIN7748/1) and non-rigid PVC (manufactured to an appropriate hardness) are used according to the requirements of the specific application. Available in various dimensions applicable to the specific application within each system.

Substrate

Can be surface mounted to various substrates or used for a support framework to create a drained cavity behind insulation systems.

Application

Varying beads and trims perform specific applications within render only and external wall insulated render systems.

Common PVC bead applications;

Angle beads: provide clean straight edges and additional strength at external corners.

Bellcast beads: provide a horizontal baseline drip detail for render systems, can be used to break up large areas such as gable ends to assist in day joint application.

Stop Beads: provide a clean edge when butting up to windows or door frames, or any other termination in the render.

Movement Beads: prevents cracking in render by allowing for any anticipated movement due to thermal or structural movement.

TS Rail System PVC rails - used to create a drained cavity behind insulation, usually on framed structures.

RendaClad PVC Profiles: Combination perforated basebead is used to create a ventilated cavity behind the carrier boards usually on framed structures. Ventilated clip on bead offers a stop bead edge to the system with an integral perforated section to allow the cavity to be ventilated.

APU Bead : used to provide a compression seal against framed apertures with a sacrificial pvc strip to protect the frame from damage during application of render system, which is peeled away leaving a stop bead effect.

Beads are generally fitted back to the substrate/insulation boards using appropriate anchors or basecoat depending on application. Surface mounted beads are fixed during the basecoat application. The basecoat adheres the beads in place, although Firtree fixing pins can be used to hold the beads in situ while basecoat is applied. PVC corner beads with mesh are applied into the basecoat layer onto all corners, window heads and reveals as a concealed bead when the finish layer is applied. PVC corner beads with nosing is used in mineral

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monocouche and dash aggregate render systems to allow the application of the render finish to be supported during application, with the PVC nosing exposed adding further protection to the corners when set.

TS Rail system components are integral to fitting the insulation to the substrate and are mounted on PVC packers to provide a drained cavity behind the insulation.

Storage

Store in a dry area, taking care to support the beads horizontally to avoid any distortion occurring.

Certificates/approvals

Identification

Beads are usually supplied in 2.0lm, 2.5lm or 3.0lm lengths.

Special Information

Disposal

USE LOCAL RECYCLING SCHEMES IN OPERATION TO RECYCLE PVC OFFCUTS.

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.