



TECHNICAL DATA SHEET

Plastic Insulation Anchors/Fixings

Product Codes: Common All Plastic Fixing Types

ESPS-PPh***, ESPS-PPs (PTH SX) ***, ESPS-SW90, EHTV70/70, PPh KI-10***

ESPS/TERMOZ LO8***, ESPS-EIDK8/60***, ESPS/DIPK***, ESPDU. More fixings are available



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

Characteristics

SPS Envirowall supply a comprehensive range of fixings to suit a broad range of applications. From the standard masonry insulation anchors to fixings used for more technical applications. The role of the Insulation fixings is far greater than holding the insulation in place, it has to accommodate movement within the structure, cope with positive and negative wind pressures and also supporting the self-weight of the system. There are a number of different fixings that can be used and it is important to select the correct fixing for the application, this can be determined by arranging a pull out test with SPS Envirowall.

Technical Data

The dimensions and relevant technical information of the individual fixing is normally provided on the packaging of each box. For further information please refer to the SPS Envirowall *Mechanical Fixing Systems for External Wall Insulation* guide.

Substrate

Substrate Classifications as defined under ETAG 014

A Normal Weight Concrete

B Solid Masonry

C Hollow or Perforated Masonry

D Lightweight Aggregated Concrete

E Autoclaved Aerated Concrete

On site pull out tests may be provided so the correct insulation fixing and fixing pattern are always specified for the project to determine the performance of the fixing with the substrate. Please consult our Technical Department for advice.

Application

Examples of Insulation Anchor Types:

ESPS/PPs PTH SX

Screw-set fixing made from polypropylene with a reinforced polyamide screw. ETA approval for material substrates A, B, C, D & E.

ESPS-EIDK 8/60

For fixing insulation into concrete and brickwork. Polypropylene expansion anchors supplied with plastic pins. Supplied pre-assembled for ease of use and rapid installation.

ESPS/TERMOZ LO8

Plastic Pin Hammer Set made from nylon with pre-assembled plastic pin for rapid installation. ETA approval for material substrates A & B.



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ESPDU - Spiraldubel

An all plastic anchor for use in retrospectively fixing lightweight fixtures and fittings to the outside of an external wall insulation system (not suitable for Mineral wool boards). The recommended service load for each fixing point is max.5kg.

Storage

Store boxes in a dry area.

Certificates/approvals

Identification

Fixings are supplied in various box sizes, minimum box sizes normally hold 100 fixings.

Special Information

Disposal

USE LOCAL RECYCLING SCHEMES IN OPERATION TO RECYCLE BROKEN FIXINGS AND THE CARDBOARD BOXES THEY ARE SUPPLIED IN.

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.