

TECHNICAL DATA SHEET

CompacFoam - High Density Polystyrene Insulation Pattress Blocks –
Fixing Pre-Planned Fixtures and Fittings Applications.

Associated Product
CompacFoam Adhesive



Product Code: CompacFoam – Ref. ESPS CF140*100mm or ESPS CF140*200mm (Size dependant on main insulation board, Typically a 90mm main insulation board would use a 85mm thick CompacFoam Block).

Product Code: CompacFoam Adhesive- Ref. COMPAC ADH-M332-MS



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

Characteristics

SPS Envirowall CompacFoam High Density Mono-material Polystyrene insulation pattress is used to fix pre-planned located surface mounted fixtures and fittings within an External Wall Insulation System. CompacFoam is adhesively fixed with CompacFoam Adhesive and comes in various grades from 150 to 400kg/m³ but as a guide, the CF200 grade can accommodate loads up to 60kg providing there is one masonry anchor through the external fitting through to the substrate, or 30kg with loads directly fixed to the block.

Technical Data

COMPACFOAM FIXING BLOCKS

CF140*100mm 100x100x1100mm
CF140*200mm 200x200x1100mm

- a) **Appearance:** Mostly white Blocks, plates and various parts.
- b) **Odour:** None
- c) **Odour threshold:** See above - no odour therefore not applicable
- d) **pH (20 degrees):** Not relevant
- e) **Melting point:** >100°C
- f) **Initial boiling point and boiling range:** 450°C
- g) **Flash point:** 370°C
- h) **Heat resistance short term:** 85°C.
- i) **Heat resistance long term:** 75°C.
- j) **Ignition temperature (°C):** Not necessary.
- k) **Vapour pressure (hPa at °C):** Not necessary.
- l) **Density kg/m³ (at 23°C):** 80-500.
- m) **Bulk density kg/m³:** Not necessary.
- n) **Water Solubility (ies) (20°C in g/l):** insoluble in water.
- o) **Solubility(ies):** Organic solvents and aromatic hydrocarbons.
- p) **Partition coefficient:** Not applicable.
- q) **Solvent Content:** Not applicable.
- r) **Viscosity, dynamic (mPa s):** Not applicable.

COMPACFOAM ADHESIVE

Product Code Ref.Compac-ADH-M332-MS
CompacFoam Adhesive 332 MS-Polymer 290ml

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Substrate

Substrates must be suitable, stable, clean and dry. Loose render parts can be removed or smoothed if necessary.

Application

CompacFoam is used to replace the timber pattress as a fixing point for surface mounted fixtures and fittings and reduces cold bridging for this purpose. A section is installed within the insulation layer in locations where support brackets and fittings will eventually be fixed to the substrate. It is either adhesively fixed using special CompacFoam adhesive for applications up to 30kg in weight or an additional mechanical fixing is used should the weight exceed 30kg up to 60kg. The block is then covered with the basecoat and mesh and is not visible after the render application is completed. It is advisable to take a measurement of its location or fix a screw in the centre for re-locating once basecoat is applied.

Storage

Store in a clean, dry environment, above ground level and protected. Keep material in original packaging until it is to be used.

Certificates/approvals

Identification

Special Information

Disposal

ENVIRONMENTAL RECYCLING SCHEMES ARE AVAILABLE. PLEASE CONTACT LOCAL RECYCLING FACILITIES FOR DETAILS.

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.

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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