



Data Sheet Spanatherm

Application

Spanatherm is a dry fit system designed to be a cost effective and efficient method of firestopping static and movement joints for slab edge/curtain walling details.

Spanatherm is tested to BS 476 Pt 22 to provide up to 2 hours fire integrity.

Description

Spanatherm is a strong pre-engineered rock fibre movement-joint fire seal, that allows significant movement accommodation at the same time as providing fire integrity, insulation and an effective smoke seal.

Spanatherm is a dense fibrous lamella system faced on one side (two sides optional) with foil. **Spanatherm** is not a health, spill or environmental hazard.

Provides a fire seal in joints up to 50mm without support. Wider gaps up to 400mm utilise **Firetherm Edge Clips** to provide extra support (2 per cut length).

Factory produced in a 1200mm x 600mm x 100mm thick slab (1200x1200x100mm optional) and cut oversized on site by 5-10% to fit an opening under compression.

Specification Wording

"Install **Firetherm Spanatherm** to provide up to 2 hours fire protection in static/movement joints as specified on drawings, fully in accordance with relevant **Firetherm** designs and manufacturer's instructions".

General Installation Instructions

- 1) Clean all surfaces to remove loose debris, dirt and grease.
- 2) Carefully remove the **Spanatherm** from its packaging.
- 3) Measure the gap into which the **Spanatherm** is to be fitted.
- 4) Cut the **Spanatherm** slab approximately 10% oversize (minimum 5mm) - lengthways i.e. down the 1200mm length.
- 5) Under compression, install the **Spanatherm** seal. Where joints exceed 50mm gap

width, Firetherm edge clips are required fixed into the side of the board and mechanically fixed to the top of the slab edge (2 per cut length). Butt joint additional lengths as required.

6) Seal adjoining edges of **Spanatherm** using a suitable adhesive backed foil tape, 50 micron 100mm wide recommended.

7) To complete the installation, apply a bead of Intumastic or Intumastic ADL to any gaps or discontinuities up to 25mm around window mullions etc . This will leave a sealed face providing a good smoke and fire seal.

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