

# SPACETHERM® SLENTEX A2

## Spacetherm Slentex A2

Product specification to be Spacetherm Slentex A2 by The A Proctor Group, Blairgowrie

### Manufacturer

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### Detailed Description

Insulation to be used shall be Spacetherm Slentex A2 supplied by The A Proctor Group, Blairgowrie.

Spacetherm Slentex A2 is a high performance, fire resistant, thermal insulation blanket supplied in sheet format.

### Product

Product performance specification as follows:

#### Thickness

Thicknesses of Insulation to be minimum 10mm.

Available in other insulation thicknesses, as requested, bonded in multiples of 10mm.

#### Sheet Size

2400mm x 1200mm

Roll also available – please contact us for further information.

#### Material

Fibre reinforced, fire retardant, silica Aerogel.

#### Fixings

Where the Spacetherm Slentex A2 insulation is to be temporarily fixed it should be held in place with large, flat headed fixings, such as clout nails, prior to fixing VCL over the face. Then the plasterboard facings can be installed using [Ejot TKE 4.8 x 60](#) or [Ejot JT3-ST-2-6.0 x 60](#). Fixing centres should be assessed by the project/structural engineer to ensure that adequate fixings are used to resist any imposed or dead loads, wind loads etc that may be exerted on the insulated panels.

Other fixings are available and may be suitable. Consideration should be made to their fire resistance and advice sought from the fixing manufacturer/suppliers.

### Technical Properties

- Thermal Conductivity: Aerogel to be no greater than 0.019W/mK when tested to EN13162
- Reaction to Fire: Aerogel to be no worse than Class A2-s1, d0 when tested to EN13501
- The Aerogel classification applies to the following end-use conditions:  
 The building product may be used on all wooden substrates of Euroclass D-s2, d0 and all substrates of Euroclass A1 and A2-s1, d0 with a minimum thickness of 10 mm and a minimum density of 510 kg/m<sup>3</sup>.  
 The building product may be used on metal substrates with a minimum thickness of 0,6 mm, a minimum density of 5887,5 kg/m<sup>3</sup> and a minimum melting point of 1000 °C.
- The building product must be fixed mechanically to the substrate.
- The building product may be used with vertical and horizontal joints.
- The building product must be protected from soaking and weathering influences.
- Density: Aerogel to be no less than 190 kg/m<sup>3</sup> when tested to DIN EN 1602
- Insulation will withstand temperatures from -50°C to +400°C
- Compressive strength: to be not less than 30 kPa at 10% Compression when tested to DIN EN 826

Spacetherm Slentex A2 is a non-burning, flexible, high performance silica aerogel-based insulation. Spacetherm Slentex A2 can be bonded to itself to reach specific thermal requirements as well as being laminated to various board materials including MgO and plasterboard. It can also be supplied on its own in sheet format and is suitable use internal where low U values are required but space is limited. Also available encapsulated in foil for cold bridging applications.

# SPACETHERM<sup>®</sup> SLENTEX A2

## Benefits

- Combined fire and thermal properties in a class leading product
- Available in blanket format or bonded to finishing boards
- Maximum thermal performance in limited space
- Available cut to any size or shape – contact us for information
- Available with variable thickness of insulation, in multiples of 10mm

Product Reference [Spacetherm Slentex A2](#)

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