

# SPACETHERM<sup>®</sup> DIRECTFIX

## Spacetherm Directfix

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

### Manufacturer

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### Detailed Description

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

Spacetherm Directfix combines high performance thermal insulation blanket bonded to plywood and foil backed plasterboard facing and is supplied in sheet format. Non-foiled plasterboard available upon request.

### Product

Product performance specification as follows:

#### Thickness

Thickness of Plasterboard to be 9.5mm  
 Thickness of Plywood to be 6mm  
 Thickness of insulation to be 5mm, 10mm and multiples thereof

#### Sheet Size

2400 x 1200mm

#### Material

9.5mm foil backed plasterboard and 6mm plywood reinforcement bonded to required thickness of fibre reinforced silica Aerogel blanket.

#### Certification

Minimum required: ETA-11/0471 for the Spacetherm Blanket details available from The A Proctor Group.

### Technical Properties

- Thermal Conductivity of insulation: to be no greater than 0.015W/mK when tested to EN12667
- Water vapour permeability of insulation: to be no greater than  $\mu = 5.0$  when tested to EN12086
- Reaction to Fire: insulation to be no worse than Class C - s1, d0 and plywood to be no worse than D-s2,d0 when tested to EN13501 and plasterboard to have a fire resistance no worse than Class I when tested to BS 476 / A2,s1,d0 when classified under EN13501-1
- Density of insulation: to be no less than 150 kg/m<sup>3</sup>
- Maximum Operating Temperature of insulation: 125°C

Spacetherm is a fibrous blanket impregnated with silica aerogel producing a highly thermally efficient insulation which surpasses standard rigid board insulation. Spacetherm Directfix comprises 5mm, 10mm or multiples thereof of Aerogel blanket, bonded to a 9.5mm foil faced plasterboard and 6mm plywood. Non-foiled plasterboard is available on request. Spacetherm Directfix is supplied in sheet form and is suitable for internal thermal improvements to existing walls. Spacetherm Directfix is mechanically fixed, using shot-fired fixings, directly to base wall. Spacetherm Directfix can also be used to thermal upgrade window reveals (Spacetherm WRB) where space is limited.

### Benefits

- Thin insulation for hard to treat walls
- Class leading performance
- Minimum loss of room space
- Direct fix to solid walls
- Constant long term thermal performance of 50 years+
- Includes an integrated vapour control layer as standard
- Non-hazardous material

Product Reference [Spacetherm Directfix](#)

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