

# PLUSFLOOR

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Product specification to be Plusfloor by The A Proctor Group, Blairgowrie

### Manufacturer

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### Detailed Description

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

Plusfloor combines the thermal performance of extruded polystyrene insulation bonded to P5 flooring grade chipboard and is supplied in sheet format for thermally insulating floors.

### Product

Product performance specification as follows:

#### Thickness

Thickness of Chipboard to be 18 or 22mm

Thickness of insulation: available from 12mm to 120mm

#### Sheet Size

2400mm x 600mm

#### Material

18mm or 22mm P5 grade chipboard bonded to required thickness of extruded polystyrene insulation board.

#### Certification

Minimum required: not applicable

### Technical Properties

- Thermal Conductivity of insulation: to be no greater than 0.031W/mK when tested to EN13164
- Water vapour permeability of insulation: to be no greater than  $\mu = 150$  when tested to EN10456
- Compressive stress of insulation at 10% deformation : to be no less than 300kPa tested to EN826
- Density of insulation: to be no less than 33 kg/m<sup>3</sup> when tested to EN 1602
- Tensile Strength of insulation: to be no less than 600kPa when tested to EN1607

Plusfloor is extruded polystyrene, bonded to P5 moisture resistant, tongue and groove, chipboard flooring, which can be laid directly on both concrete and timber - joisted floors in the same way as plain chipboard.

### Benefits

- Eliminates the need for underfloor insulation
- Overcomes the problem of cold-bridging at joists
- High compressive strength
- Low water absorption
- Excellent thermal performance
- Lightweight and strong
- Strong rigid insulation reduced cold bridging
- No health hazard and little dust generation

Product Reference

[Plusfloor](#)

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