

# PLUSBOARD

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

### Manufacturer

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### Detailed Description

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

Plusboard combines the thermal performance of extruded polystyrene insulation bonded to plasterboard facing and is supplied in sheet format for thermally upgrading walls and ceilings.

### Product

Product performance specification as follows:

#### Thickness

Thickness of Plasterboard to be 9.5 or 12.5mm  
 Thickness of insulation: available from 12mm to 120mm

#### Sheet Size

2400mm x 1200mm

#### Material

9.5mm or 12.5mm plasterboard 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 0.033W/mK when tested to EN13164
- Water vapour permeability: 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

Plusboard was developed as the answer to the requirement for high-quality, internal wall insulation. It is applied to the inner wall of traditional or timber - frame buildings using conventional techniques. The thickness of insulant needed can be varied to meet the U-value required with different construction materials.

### Benefits

- 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 [Plusboard](#)  
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