

Advantages

- Excellent load carrying capacity.
- High mass for improved sound attenuation.
- Durable and impact resistant.
- High level of fire resistance.

Applications

Wilhams SSB plasterboard is an excellent sound block material for partitions, separating walls, and lift and staircase enclosures.

Description

Wilhams SSB plasterboard is easily distinguished by a pure white core and rigid feel. The paper surfaces are a mustard colour on the face and grey colour on the back. Wilhams SSB plasterboard is manufactured from high quality gypsum, with a purity of not less than 95%, in full accordance with BS 1230:Part 1:1985 and is classified as a type 5 product.

The special core of glassfibre and vermiculite additives provides the SSB plasterboard with enhanced strength and performance characteristics. The heavy duty paper covering provides excellent scuff resistance and ease of decoration.

Technical Information

Wilhams SSB plasterboard conforms to the following specifications:

- Thickness – 12.5mm
- Thermal resistance – 0.05 m²K/W
- Thermal conductivity – k = 0.24 W/mK
- Surface weight – 13kg/m²
- Storage – Dark and dry conditions

Important note:

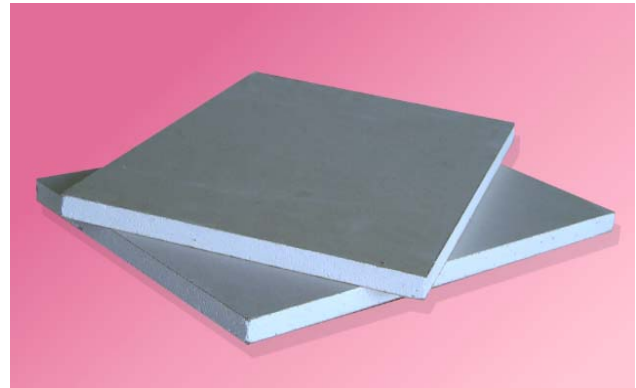
Avoid extremes of temperature and humidity; temperatures over 50°C and humidity of over 90% will reduce performance and the serviceability of the plasterboard.

Physical Information

DIMENSIONS

Standard board sizes are: 1200 x 2400mm
1200 x 2700mm
1200 x 3000mm

All boards are 12.5mm thick.



Performance

Wilhams SSB plasterboard has the following performance characteristics.

Fire Performance

Wilhams SSB plasterboard provides excellent natural fire resistance properties:

- BS 476:Part 6:1989 – Index I =12 for fire propagation
- BS 476:Part7:1987 –Class 1 for surface spread of flame
- UK Building Regulations – Class ‘O’
- System tests using SSB to BS 476:Part 20:1987

Structural Performance

Wilhams SSB plasterboard core allows for greater impact resistance and also offers the ability of direct fixing up to 100kg, acting parallel to the board, when used in conjunction with fixing anchors. System performance in accordance with BS 5234 is enhanced when used with metal systems.

Acoustic Performance

Wilhams SSB plasterboard, as single element, is not usually given a sound reduction figure. The SSB plasterboard has a high density core to enhance its performance compared with standard plasterboards and will significantly improve any system performance being designed and tested.

Wilhams Insulation Group

117 Bohemia Road, St Leonards-On-Sea, East Sussex TN37 6RL United Kingdom

Export Sales:- Tel: +44 (0) 1424 717171 Fax: +44 (0) 1424 20100 Email: sales@wilhams-insulation.co.uk

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