

# Product Data Sheet

## Glasroc® X Sheathing Board 12.5mm

Glasroc X Sheathing Board 12.5mm is a high performance gypsum sheathing board with mould resistant properties.

### Where to use

Use it to provide external weather protection to Steel Frame System (SFS) constructions prior to the installation of the finished exterior façade system.



### Product information

#### Composition

This product is made up of a gypsum board with a glass fibre mat reinforcement which has inherent mould resistant properties. The mat protects the board with its hydrophobic coating, and has additional UV resistant properties.

#### Colour

Face colour: White.  
 Reverse colour: White.

| DIMENSIONS AND WEIGHTS  |             |
|---|-------------|
| PRODUCT SIZES (mm)  | 1200 X 2400 |
| Nominal thickness (mm)  | 12.5        |
| Minimum weight (kg/m <sup>2</sup> )   | 10          |
| Edge options  | Square edge |
| Width: maximum tolerance (mm)   | +0          |
| Width: minimum tolerance (mm)   | -4          |
| Length: maximum tolerance (mm)  | +0          |
| Length: minimum tolerance (mm)  | -5          |
| Squareness: 1200mm width boards (maximum difference in diagonal measurements, mm) | 5           |

NB: Dimensional tolerances. Quality controls are set to meet customer requirements between these maximum and minimum tolerances.

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### Performance

Here we only provide performance information related to the product. Please see the White Book for system-dependent performance.

### Standards

EN 15283-1:2008+A1:2009, Type GM-F & GM-HI.

BBA: 17/5453.

Declarations of Performance (DoP) available [Click here](#).

|   |  |
|---|--|
| Reaction to fire  | A1   |
| Thermal conductivity (W/mK)   | 0.1865   |
| Water vapour permeability (μ)   | 18.2   |
| Water resistance (maximum total water absorption when tested to EN15283-1, %) | 5  |
| Mould resistance  | 10/10 when measured in accordance with ASTM D3273  |
| UV resistance   | No noticeable difference in colour and no degradation in surface water absorption (as measured according to EN520:2004+A1:2009) after 1000h of weathering according to ASTM G155 |
| Moisture resistance   | GM-HI  |
| Maximum continuous temperature exposure (°C)                                  | 49   |

### Installation

#### Effect of condensation

The thermal insulation and ventilation requirements of national Building Regulations aim to reduce the risk of condensation and mould growth in new buildings. However, designers should take care to eliminate all possibility of problems caused by condensation, particularly in refurbishment projects.

#### Cutting

Either cut the board with a plasterboard saw, or score the front face with a sharp knife, snap it over a straightedge. Cut holes for things like socket boxes using a utility saw.

#### Jointing

To maintain optimum performance, apply Glasroc X Sealant into the joint ensuring good contact is made with the sides of the joints, and ensuring continuity of the seal where required. Tooling can be carried out within 10 minutes if necessary, using a wet tooling stick, trowel or spatula. Surplus sealant can be removed if necessary within 10 minutes using a damp cloth or sponge.

#### Fixing

Fix the board with the decorative side facing outwards to receive finishes. Install fixings at least 13mm from cut edges and 10mm from bound edges. Position cut edges at internal angles wherever possible. Stagger horizontal and vertical joints between layers by at least 600mm.

#### Snagging and minor repairs

To maintain all performance requirements it will normally be necessary to replace a damaged board; please contact our Technical Support Team for specific advice.

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### Sitework

#### Storage

Boards should be stored on a firm, flat and level surface. If the boards are temporarily stored outside they should be kept clear of the ground and securely covered with an anchored polythene sheet or tarpaulin to protect from dampness and inclement weather.

#### Handling

Please refer to the HSE Manual Handling Operations Regulation for best practice guidance when handling or installing this product.

#### Safety Data Sheet

Safety Data Sheet (SDS) available. [Click here.](#)

#### Packaging overview

Supplied on a reusable wooden pallet.

### Environmental

#### Recyclability

You can recycle this product as long as it has minimal contamination from non-gypsum materials.

#### Disposal

Segregate boards from non-gypsum waste for recycling where possible. Dispose of them according to local authority requirements.

#### BES 6001 classification

Good.



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