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PRODUCT DATA SHEET

# GLASROC F multiboard

## Product Description

Glasroc F multiboard consists of gypsum incorporating a tissue of glass fibre immediately below the surface of the board. The core is reinforced with glass fibre rovings. Available in square edge.

This plasterboard is one of the products within our plasterboard range that is certified to BES 6001 achieving a rating of 'Excellent'.

## Board Performance

### Fire protection

Plasterboard linings contribute towards fire resistance due to the behaviour of the non-combustible gypsum core when subjected to high temperatures. For the purposes of the national Building Regulations, plasterboard is designated a 'material of limited combustibility' (Technical Guidance Document B). Please refer to the table below.

### Fire resistance

Please refer to the **White Book** systems section for information on the fire resistance of building elements lined with Glasroc F multiboard at www.gyproc.ie

### Reaction to fire test performance

| STANDARD | PERFORMANCE |
|---|---|
| EN 13501-1 in accordance with EN 15283-1: 2008. | Classified without further testing as A1-s1, d0. |

### Thermal conductivity

λ Glasroc F multiboard - 0.30W/mK

### Limitations of use

Glasroc F multiboard is unsuitable for use in areas subject to continuously damp or humid conditions and must not be used to isolate dampness. Glasroc F boards are not suitable for use in temperatures above 49°C, but can be subjected to freezing conditions without risk of damage.

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# Board Performance continued

## 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. For further information please refer to **White Book**, available to download from the Gyproc website at www.gyproc.ie.

## Board colour

- ☐ White gypsum face
- ☐ White gypsum reverse side

## Board printing

**Face** No print

**Edge** No print

**Reverse** Product description, board thickness, production code, compliance standards and certification

## Board range

| **WIDTH** MM | **LENGTH** MM | **EDGE** TYPE |
|---|---|---|
| **6mm Board** | | kg/m$_2$ = 5.0 R (m$_2$K/W) = 0.02 |
| 1200 | 2400 | S/E |
| **12.5mm Board** | | kg/m$_2$ = 10.4 R (m$_2$K/W) = 0.04 |
| 1200 | 2000 | S/E |

**S/E** = Square Edge

NB Bespoke sizes are also available.

## Board types

**S/E or T/E** (bespoke) - To be finished with Gyproc Joint Filler or Gyproc Gyp Filler for taped and filled joints or application of Gyproc Skimcoat, Carlite Finish or Carlite Ultra.

# Application and installation

## General

It is important to observe appropriate health and safety legislation when working on site i.e. personal protective clothing and equipment, etc. The following notes are intended as general guidance only. In practice, consideration must be given to design criteria requiring specific project solutions.

Glasroc F multiboard 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

Manual off-loading of this product should be carried out with care to avoid unnecessary strain. For further information please refer to the Manual Handling section of the **Installation Guide** available to download from the Gyproc website

## Cutting

This product may be cut using a plasterboard saw or by scoring with a sharp knife and snapping the board over a straight edge. Holes for switch or socket boxes should be cut out before the boards are fixed using a utility saw or sharp knife.When cutting boards, power and hand tools should be used with care and in accordance with the manufacturers' recommendations. Power tools should only be used by people who have been instructed and trained to use them safely. Appropriate personal protective equipment should be used. Consider monitoring of exposure levels during this activity.

## Fixing

For information on fixing this product please refer to the appropriate **White Book** and **Installation Guide** sections.

## Plastering

The smooth face of Glasroc F multiboard can be plastered with either Gyproc Skimcoat, Carlite Finish or Carlite Ultra. 6mm of Thistlebond-it is required prior to skimming.

## Jointing

Gyproc jointing materials can be used to create a joint surface ready for priming and final decoration. A number of jointing specifications are available to suit the board type, method of application, and site preference.

NB Jointing and finishing of Glasroc F multiboard is not a requirement in meeting the specified fire protection period.

## Decoration

After the joint treatment has dried, decoration, including any decorator's preparatory work, should follow.

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## Product standards

*EN standard EN 15283-1 Gypsum boards with fibrous reinforcement - Definitions, requirements and test methods - Part 1: Gypsum boards with mat reinforcement.*

**Type GM:** Gypsum boards with mat reinforcement.

**Type H1 (6mm only):** Gypsum board with mat reinforcement with reduced water absorption rate.

**Type F:** Gypsum boards with mat reinforcement with improved core cohesion at high temperatures.

## Maintenance

### Repair

**Minor damage** – Lightly sand the surface to remove burrs and fill flush with two applications of Gyproc Joint Filler or Gyproc Gyp Filler.

**Deep indents resulting from impact** – Check the board core to ensure that it is not shattered. If intact, apply a coat of Gyproc Joint Filler or Gyproc Gyp Filler, followed by the procedure for repairing minor damage as outlined above, once set / dry.

**Extensive damage** – When the damage is more extensive, it may be necessary to replace that area of plasterboard. It is important that the replacement board is of the same type as specified and installed. Cut out the affected area back to the nearest framing member. Replace the board, accurately cutting and screw fixing the same type and thickness of plasterboard. Fill edge joints, then tape and finish in the recommended way. Redecorate as required.

NB It is essential that repairs are made 'like for like'. If the finish is skim plaster, jointing materials must not be used in the repair.

**Freephone ROI:** 1800 744480

**Freephone NI:** 0845 3990159

**Email:** tech.ie@saint-gobain.com

**www.gyproc.ie**

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