

Product Data Sheet

Glasroc® F FireCase 20mm

Glasroc F FireCase 20mm is a high performance, Class A1, non-combustible glass reinforced gypsum board.

Where to use

Use it as part of the FireCase frameless structural steel encasement system and the GypLyner Encase system. This product is also suitable for installation in semi-exposed areas before the building envelope is complete.

Certifications

Environmental Product Declaration (EPD) available [Click here.](#)



Product information

Composition

This product is made up of gypsum incorporating a tissue of glass fibre immediately below the surfaces of the board. The core is reinforced with glass fibre rovings and paper pulp, and contains water repellent additives.

Colour

Face colour: White.
Reverse colour: White.

DIMENSIONS AND WEIGHTS	
PRODUCT SIZES (mm)	1200 X 2000
Nominal thickness (mm)	20
Minimum weight (kg/m ²)	15.8
Edge options	Square edge
Width: maximum tolerance (mm)	+0
Width: minimum tolerance (mm)	-3
Length: maximum tolerance (mm)	+0
Length: minimum tolerance (mm)	-3
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-H1.

BBA: 93/2935.

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

Reaction to fire	A1
Thermal conductivity (W/mK)	0.3
Water vapour permeability (μ)	10
Water resistance (maximum total water absorption when tested to EN15283-1, %)	5
Moisture resistance	GM-H1
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.

Fixing

Fix the board with the decorative side facing outwards. Install fixings at least 13mm from cut edges and ends. Stagger horizontal and vertical joints between layers by at least 600mm.

Jointing

After fixing the board, start finishing it as soon as you can to limit the risk of damage. You can finish the board using air-drying jointing products that comply with EN13963, including the Gyproc range.

Full-surface finishing

After fixing the board, start finishing it as soon as you can to limit the risk of damage. You can finish the board using plaster that complies with EN13279-1, including the Thistle range.

Painting

Start decorating as soon as possible after the finishing system is dry.

Wallpapering

Start decorating as soon as possible after the finishing system is dry.

Snagging and minor repairs

For minor damage and dents, check that the board core isn't shattered. If it's intact, fill the damaged area with Gyproc EasiFill 60, allow it to set, then apply a second coat if you need to. When it's dry, sand it to a finish before redecorating the area.

For a damaged core, broken edges or extensive damage, repair and replacement procedures differ depending on the number of board layers and fire resistance of the system; 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

Excellent.



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