

Product Data Sheet

Gyproc® FireLine 12.5mm

Gyproc FireLine 12.5mm is a plasterboard that contains glass fibre and other additives for extra fire protection.

Where to use

Use it in partitions, ceilings and steel encasement systems to achieve the fire performance required in domestic separating walls, corridors, garages and steel encasements.

Certifications

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



Product information

Composition

The plasterboard is made of a gypsum core between paper liners. It uses glass fibre reinforcement and other additives for extra fire resistance.

Colour

Face colour: Pink.
Reverse colour: Brown.

DIMENSIONS AND WEIGHTS

| PRODUCT SIZES (mm) | 900 X 1800 | 1200 X 2400 | 1200 X 2700 | 1200 X 3000 |
|-------------------------------------|------------------------------|------------------------------|----------------------|----------------------|
| Nominal thickness (mm) | 12.5 | 12.5 | 12.5 | 12.5 |
| Minimum weight (kg/m ²) | 9.7 | 9.7 | 9.7 | 9.7 |
| Edge options | Tapered edge, Square edge | Tapered edge, Square edge | Tapered edge only | Tapered edge only |
| Number of tapered edges | 2 | 2 | 2 | 2 |
| Maximum width tolerance (mm) | +0 | +0 | +0 | +0 |
| Minimum width tolerance (mm) | -4 | -4 | -4 | -4 |
| Maximum length tolerance (mm) | +0 | +0 | +0 | +0 |
| Minimum length tolerance (mm) | -5 | -5 | -5 | -5 |
| Maximum taper width (mm) | 80 | 80 | 80 | 80 |
| Minimum taper width (mm) | 40 | 40 | 40 | 40 |
| Maximum taper depth (mm) | 2.5 | 2.5 | 2.5 | 2.5 |
| Minimum taper depth (mm) | 0.6 | 0.6 | 0.6 | 0.6 |

Squareness: 900mm width boards (maximum difference in diagonal measurements), 4mm, 1200mm width boards (maximum difference in diagonal measurements), 5mm

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 520:2004+A1:2009, Type F.

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

| | |
|--|-----------|
| Reaction to fire | A2-s1, d0 |
| Thermal conductivity (W/mK) | 0.24 |
| Water vapour permeability (μ) | 10 |
| 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 paper with a sharp knife, snap it over a straightedge, then cut the back face paper. Cut holes for things like socket boxes using a utility saw.

Screw fixing

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

Finishing

After fixing the board, start finishing it as soon as you can to limit the risk of damage or UV degradation to the paper liner.

Plastering

You can finish the board using Thistle® or ThistlePro® plaster.

Jointing

You can finish the board using Gyproc jointing products.

Painting

Decoration should start as soon as possible after the finishing system is dry. Jointing systems should be finished with Gyproc Drywall Primer before painting.

Wallpapering

Decoration should start as soon as possible after the finishing system is dry. Jointing systems should be finished with Gyproc Drywall Sealer before application of wallcoverings.

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

Keep boards dry, and make sure floor or ground surfaces are flat and strong enough to support them.

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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