

Product Data Sheet

Gyproc® WallBoard Duplex 12.5mm

Gyproc WallBoard Duplex 12.5mm is a plasterboard backed with a vapour control membrane.

Where to use

Use it to control condensation risk where warm and cold elements of walls and ceilings interact, such as external wall and room in the roof situations.



Product information

Composition

The plasterboard is made of a gypsum core between paper liners. The board's vapour control membrane is made from metallised polyester.

Colour

Face colour: Ivory.

Reverse colour: Metallised polyester film.

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)	7.7	7.7	7.7	7.7
Edge options	Square edge only	Tapered edge, Square edge	Tapered edge only	Square 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)	N/A	80	80	N/A
Minimum taper width (mm)	N/A	40	40	N/A
Maximum taper depth (mm)	N/A	2.5	2.5	N/A
Minimum taper depth (mm)	N/A	0.6	0.6	N/A
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 14190:2014.

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

Reaction to fire	B-s1, d0
Thermal conductivity (W/mK)	0.19
Water vapour permeability (μ)	1400
Flexural strength to EN14190	Pass
Maximum continuous temperature exposure (°C)	49

Installation

Limitations of use

This plasterboard isn't suitable for fixing with adhesive. It must be mechanically fixed instead.

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.

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.

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 Sealer before application of wallcoverings.

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

Minor damage and dents: Check that the board core is not shattered. If intact, fill with Gyproc EasiFill 60, allow to set, apply a second coat if required and sand to a finish when dry before redecoration.

Damaged core, broken edges or extensive damage: repair procedures differ depending on the number of board layers and fire resistance of the system. Continuity of the vapour control layer must also be reinstated - please contact our Technical Services 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 from non-gypsum waste for recycling where possible. Disposal should be in accordance with local authority requirements.

BES 6001 classification

Excellent.



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