

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.

Product Data Sheet

Gyproc® WallBoard Duplex 12.5mm

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.

Screw fixing

Fix the boards with the decorative side facing outwards to receive finishes. 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.

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.

Product Data Sheet

Gyproc® WallBoard Duplex 12.5mm

Sitework

Storage

To ensure declared performance of plasterboards are not compromised they should be stored inside and kept dry. Make sure floor or ground surfaces are flat and strong enough to support them.

If plasterboards 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 rain.

Handling

British Gypsum fully accepts its responsibilities as a supplier of building materials and systems as required by Section 6 of the Health and Safety at Work etc. Act 1974.

To reduce manual handling risk, employers and workers should follow HSE's Manual Handling Operations Regulations 1992 (MHOR) and the HSE's guidance on manual handling at work (INDG143). Employers should carry out a risk assessment and implement control measures to avoid or minimise the need for manual handling. Workers should follow safe lifting and moving techniques and report any hazards. The 'Manual Handling Guide' published by the Gypsum Products Development Association (GDPA) and its member companies can provide additional plasterboard specific guidance and is available on the GDPA website.

Plasterboard handling should be assessed for risk before lifting or carrying. All British Gypsum plasterboards have safety information printed on the board. Where mechanical aids are available, they should be considered in the overall risk assessment.

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.



"Gyproc", "Thistle", "ThistlePro", "Gypframe" and "Glasroc" are all registered trademarks of Saint-Gobain Construction Products UK Limited. "Isover" is a registered trademark of Saint-Gobain Isover (French legal entity) and "Okarno" is a registered trademark of Okarno Limited.

Saint-Gobain Construction Products UK Limited is a limited company registered in England under company number 734396, having its registered office at Saint-Gobain House, East Leake, Loughborough, Leicestershire, LE12 6JU, UK. Saint-Gobain Construction Products UK Limited trades as British Gypsum for part of its business activities.

British Gypsum reserves the right to revise product specification without notice. The information herein should not be read in isolation as it is meant only as guidance for the user, who should always ensure that they are fully conversant with the products and systems being used and their subsequent installation prior to the commencement of work. For a comprehensive and up-to-date library of information visit the British Gypsum website at: british-gypsum.com. For information about products supplied by Okarno Limited or Saint-Gobain Isover please see their respective websites.

"British Gypsum" is a registered trademark of Saint-Gobain Construction Products UK Limited.