

Product Data Sheet

Gyproc® ThermaLine Plus 40mm

Gyproc ThermaLine Plus 40mm is plasterboard bonded to an extruded polystyrene insulant. The closed cell structure of the foam provides integral vapour control.

Where to use

Use it in refurbishment and new build for walls and ceilings where a medium level of thermal insulation is required to reduce heat loss from buildings.



Product information

Composition

This product is made from Gyproc WallBoard 9.5mm bonded to an extruded polystyrene insulant.

Colour

Face colour: Ivory.

Colour of insulation: Orange coloured extruded polystyrene.

Where to buy

[Click here.](#)

DIMENSIONS AND WEIGHTS

PRODUCT SIZES (mm)	1200 X 2400
Nominal thickness (mm)	40
Minimum weight (kg/m ²)	8.2
Edge options	Tapered edge
Maximum width tolerance (mm)	+2
Minimum width tolerance (mm)	-4
Maximum length tolerance (mm)	+6
Minimum length tolerance (mm)	-5
Number of tapered edges	2
Maximum taper width (mm)	80
Minimum taper width (mm)	40
Maximum taper depth (mm)	2.5
Minimum taper depth (mm)	0.6
Average thickness tolerance: maximum (mm)	+3
Average thickness tolerance: minimum (mm)	-3

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 13950:2014.

Reaction to fire	B-s1, d0
Thermal resistance (m ² K/W)	0.94
Water vapour permeability (μ)	160
Maximum continuous temperature exposure (°C)	49
Flexural strength to EN13950	Pass

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

Cut with a plasterboard saw. Holes for socket boxes etc. should be cut 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.

Adhesive fixing

Fix the boards with the decorative side facing outwards to receive finishes. Install using Gyproc DriWall Adhesive, following the application instructions for DriLynr Dab system. Insert two British Gypsum Nailable Plugs at mid-height (one per long board edge) as a secondary mechanical fixing.

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 the plasterboard element of this product as long as it has minimal contamination from non-gypsum materials and is segregated from the insulant.

Small quantities of the laminated product may be accepted within gypsum recycling, please check with the recycler.

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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