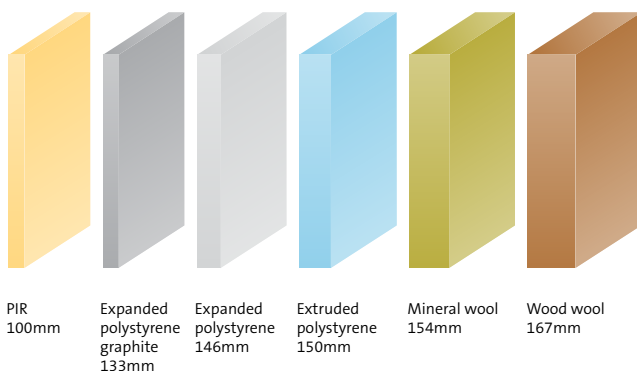


ThermaLine PIR Fact Sheet

Gyproc ThermaLine PIR is an insulated plasterboard laminate for use in thermal drylining, used in the refurbishment sector to convert or renovate existing homes, and the new-build sector to create energy efficient new homes. It incorporates standard 12.5mm plasterboard bonded to a high performance rigid Polyisocyanurate foam board, to improve energy efficiency, lower greenhouse gas emissions and energy bills. The lightweight nature of Gyproc ThermaLine PIR also improves ease of handling, speeds up construction time, enhances safety and reduces transport costs.

With thermal building regulations getting more stringent there is an ever growing need in the market for thinner insulation solutions with greater performance. New Gyproc ThermaLine PIR is available in thicknesses of 38, 53, 63, 78 and 93mm and bridges the price gap between Gyproc ThermaLine PLUS and Gyproc ThermaLine SUPER.

Equivalent insulation performance by thickness



As well as space-saving, the lower thickness of insulation products combined with the lightweight nature of PIR insulation products improves ease of handling, speeds up construction time, enhances safety and reduces transport costs.

Gyproc ThermaLine PIR, incorporating 12.5mm Gyproc WallBoard, is available in standard 1200mm (wide) x 2400mm (long) sizing. A moisture resistant solution, incorporating 12.5mm Gyproc Moisture Resistant board, is available on a slightly longer lead-time. Bespoke sizes of 1200mm x 2700mm in Gyproc WallBoard and Gyproc Moisture Resistant board variants are also available.

We are also offering smaller pallet quantities for merchants who are looking to save on inventory costs.



Environmental

Gyproc ThermaLine PIR incorporates CFC and HCFC-free high thermal performance PIR foam insulant, meaning zero Ozone Depletion Potential (ODP)

Over a 50 year period, PIR insulation is estimated to save over 1,000 times more energy than was used to produce it. This energy saving associated with the installed product, in-use, has a positive impact on its Life Cycle Assessment (LCA). LCA is a methodology used to assess environmental impacts associated with all the stages of a product's life.

Reaction to fire

Gyproc ThermaLine PIR is designated as Euroclass B-S 1, d0. 30 minute fire protection on Timber Frame Construction.

Durability

Gyproc ThermaLine PIR does not sag, rot, absorb moisture and is not permeated by air, and will remain effective for the life span of the building.

Packaging

Gyproc ThermaLine PIR is wrapped in polythene pallet covers on wooden pallets. Each pallet is labelled with details of the product, size and number of pieces per pallet.

The highest quality fixings for drylining systems

British Gypsum fixings range has been specifically designed for use with British Gypsum drylining wall, floor and ceiling systems. The new range also fully complies with BS EN14566 the new European standard relating to drywall fixings. Only British Gypsum drywall fixings are tested and approved for use in British Gypsum's SpecSure® lifetime warranty.

Product quantities Gyproc ThermaLine PIR

Full pallet: Incorporating 12.5mm Gyproc WallBoard

*Bespoke

Gyproc ThermaLine PIR Thickness (mm)	Pallet Quantity (No. boards)	Insulation Thickness (mm)	Length (mm)	Width (mm)	Weight (kg)	R (m ² K/W)	Edge Detail
38	23	25	2400	1200	9.4	1.15	TE
38	23	25	2700*	1200	10.57	1.15	TE
53	17	40	2400	1200	9.8	1.85	TE
53	17	40	2700*	1200	11.04	1.85	TE
63	14	50	2400	1200	10.1	2.3	TE
63	14	50	2700*	1200	11.37	2.3	TE
78	11	65	2400	1200	10.5	3	TE
78	11	65	2700*	1200	11.84	3	TE
93	9	80	2400	1200	10.9	3.65	TE
93	9	80	2700*	1200	12.31	3.65	TE

New smaller pallet quantities Gyproc ThermaLine PIR

Half pallet: Incorporating 12.5mm Gyproc WallBoard

**Extended lead time

Gyproc ThermaLine PIR Thickness (mm)	Pallet Quantity (No. boards)	Insulation Thickness (mm)	Length (mm)	Width (mm)	Weight (kg)	R (m ² K/W)	Edge Detail
38	12**	25	2400	1200	9.4	1.15	TE
53	9**	40	2400	1200	9.8	1.85	TE
63	8**	50	2400	1200	10.1	2.3	TE
78	6**	65	2400	1200	10.5	3	TE
93	5**	80	2400	1200	10.9	3.65	TE

Other versions Gyproc ThermaLine PIR

Full pallet: Incorporating 12.5mm Gyproc Moisture Resistant board

*Bespoke

Gyproc ThermaLine PIR Thickness (mm)	Pallet Quantity (No. boards)	Insulation Thickness (mm)	Length (mm)	Width (mm)	Weight (kg)	R (m ² K/W)	Edge Detail
38	23	25	2400	1200	9.8	1.15	TE
38	23	25	2700*	1200	11.03	1.15	TE
53	17	40	2400	1200	10.22	1.85	TE
53	17	40	2700*	1200	11.50	1.85	TE
63	14	50	2400	1200	10.51	2.3	TE
63	14	50	2700*	1200	11.82	2.3	TE
78	11	65	2400	1200	10.93	3	TE
78	11	65	2700*	1200	12.30	3	TE
93	9	80	2400	1200	11.35	3.65	TE
93	9	80	2700*	1200	12.77	3.65	TE

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BPB United Kingdom Limited is a limited company registered in England under company number 734396, having its registered office at Saint-Gobain House, Binley Business Park, Coventry, CV3 2TT, UK. BPB United Kingdom 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: www.british-gypsum.com. For information about products supplied by Artex Limited or Saint-Gobain Isover please see their respective websites.

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