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Gyproc ThermaLine laminates

The new range

Gyproc ThermaLine laminates



Why laminates?

Laminates are the perfect way to enhance the thermal performance of a wall. Whether designed into buildings from the outset or retro-fitted in to older buildings, they provide an easy way to help comply with Building Regulations. They can also contribute towards credits in the Code for Sustainable Homes, to improve the sustainability of new housing.

British Gypsum has simplified its range of Gyproc ThermaLine laminates, so you can now easily choose the thermal performance board to suit your insulation needs and budget.

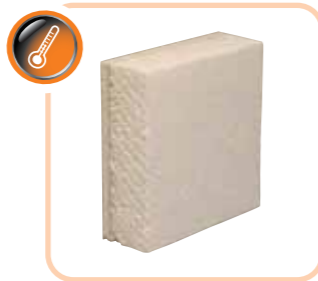
To give you greater choice, the range has also been extended, including solutions for a much wider choice of high performance applications.

Take a look at the three product families, **BASIC**, **PLUS** and **SUPER** below.

BASIC

Gyproc ThermaLine **BASIC** provides a base level improvement in thermal insulation, which is ideal when used in combination with other insulation measures or where modest upgrades are required.

Thicknesses: 22mm, 30mm, 40mm



PLUS

Gyproc ThermaLine **PLUS** has added benefits, including a higher performing insulant backing, and an integral vapour control layer to minimise the risk of condensation forming behind the lining.

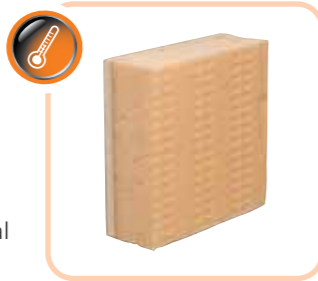
Window reveals

The 27mm is the thinnest laminate, making it an ideal board to insulate around window reveals.

Timber frame constructions

The new 48mm laminate has been designed with a 12.5mm Gyproc WallBoard backing to provide 30 minutes fire resistance, ideal for use in timber frame constructions, as part of an internal wall solution.

Thicknesses: 27mm, 35mm, 40mm, 48mm



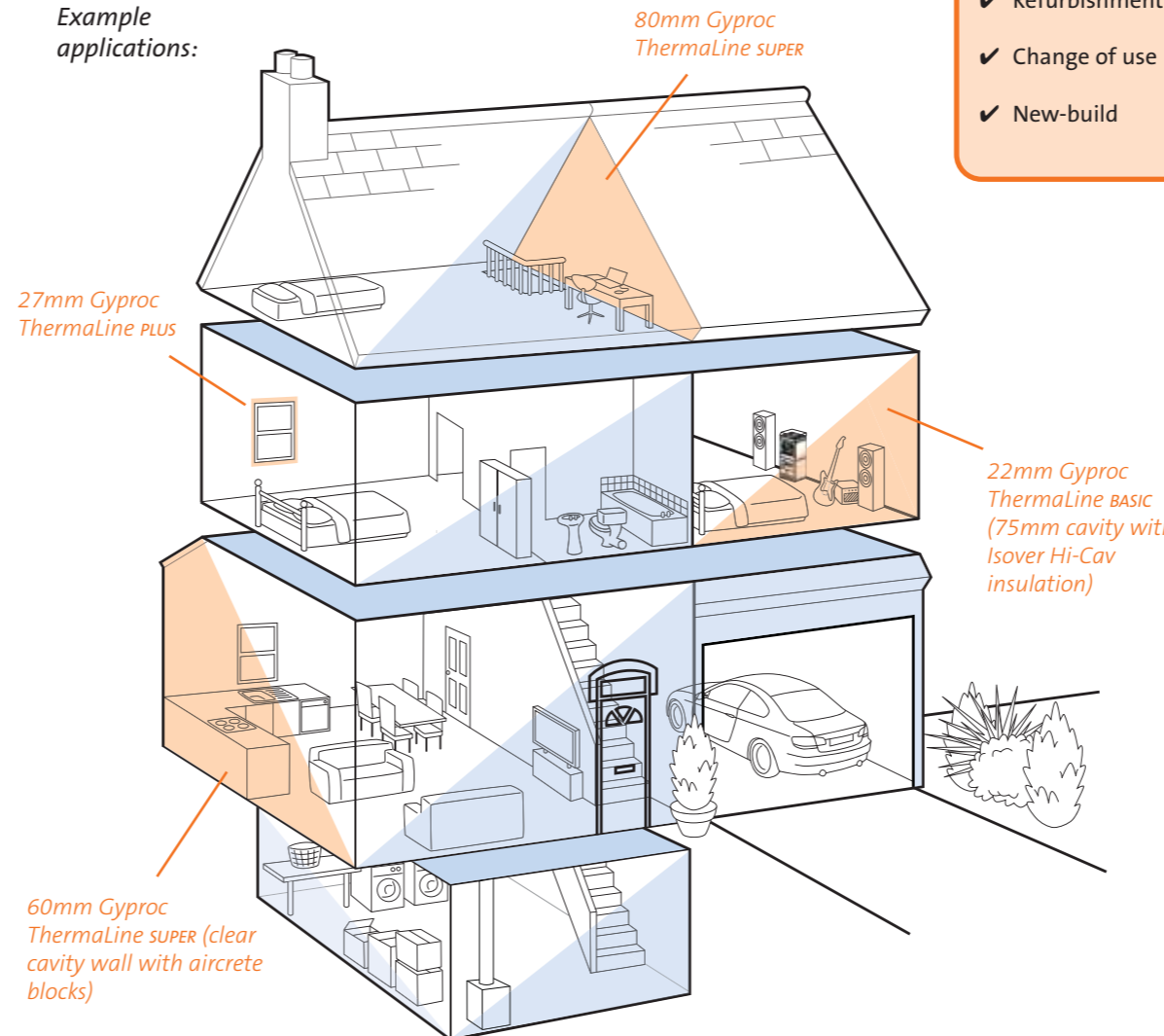
SUPER

Gyproc ThermaLine **SUPER** is available in a wide range of thicknesses from 50mm - 90mm and provides solutions for a whole variety of constructions, including the refurbishment and conversion of properties requiring substantial thermal upgrade. All boards have an integral vapour control layer as standard, offering peace of mind for all environments.

Thicknesses: 50mm, 60mm, 70mm, 80mm, 90mm



Example applications:



Ideal for:

- ✓ Refurbishment
- ✓ Change of use
- ✓ New-build

Design benefits

- With the insulation as close to the internal surface as possible, Gyproc ThermaLine laminates provide a rapid response to intermittent heating, creating more comfortable living spaces for occupants.
- The integral vapour control layer in Gyproc ThermaLine **PLUS** and **SUPER** reduce the risk of condensation.
- Gyproc ThermaLine laminates can eliminate cold bridging when installed continuously over framing members or joists.
- They can be used to provide additional insulation in the roof and are used for room-in-the-roof applications.

Installation benefits

- Gyproc ThermaLine laminates are relatively lightweight boards.
- They provide internal drylining and insulation in just one fixing operation, giving faster completion times.
- They also provide an ideal surface for plaster skimming or jointing.

Supplementary options

We have a wide range of options available to fit specific projects needs. Thermal insulants can be bonded to many Gyproc plasterboards and thicknesses within the current range. For more information on bespoke orders, please contact our Customer Services Team on 0800 225 225.

British Gypsum systems

Gyproc ThermaLine laminates can be used as part of British Gypsum approved construction details, which includes DriLyn[®] TL, Gyplyner **UNIVERSAL** and Gyplyner **IWL**. Two new documents which provide further detailed information, include HomeSpec 5, designed to help specify new-build solutions, and the Guide to improving thermal insulation, which is ideal for refurbishment and conversion activity. Both documents are available to download from www.british-gypsum.com

Board	Performance benefit	Thickness mm	Length mm	Width mm	Edge type	Vapour control layer	R value (m ² K/W)	Kg/m ²	Plasterboard facing	Insulant backing	CFC-free	HCFC-free	Ozone depletion potential	Global warming potential	Recyclable	Supplementary products available
BASIC	Thermal	22	1200	2400	Tapered	No	0.35	6.5	9.5mm Gyproc WallBoard	Expanded polystyrene	Yes	Yes	Zero	<5	Yes	Yes
		30					0.55	7.2								
		40					0.80	8.1								
PLUS	Thermal	27	1200	2400	Tapered	Yes	0.54	6.5	9.5mm Gyproc WallBoard	Extruded polystyrene	Yes	Yes	Zero	<5	Yes	Yes
		35					0.79	7.2								
		40					0.94	7.7	12.5mm Gyproc WallBoard							
		48					1.10	8.1								
SUPER	Thermal	50	1200	2400	Tapered	Yes	1.97	6.5	9.5mm Gyproc WallBoard	Phenolic foam	Yes	Yes	Zero	<3	Yes	Yes
		60					2.56	6.6								
		70					3.06	6.7								
		80					3.56	6.8								
		90					4.06	6.9								