



**BRITISH GYPSUM**  
A BUSINESS SUPERBRAND SINCE 2008

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The information in this document is for guidance only and should not be read in isolation. Users should read and familiarise themselves with all the information contained in this document and ensure that they are fully conversant with the products and systems being used, before subsequent specification or installation.

For a comprehensive and up-to-date library of information visit the British Gypsum website at: [www.british-gypsum.com](http://www.british-gypsum.com)

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# Gyproc ThermaLine laminates

## The new range

# Gyproc ThermaLine laminates



## Why laminates?

Gyproc ThermaLine laminates are the perfect way to enhance thermal insulation. 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 Approved Document L in England and Wales and Section 6 in Scotland. 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 now you can easily choose the thermal performance board to suit your insulation needs and budget.

And to give you greater choice, the range has also been extended, giving solutions to a much wider choice of high performance applications.

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

## BASIC

Gyproc ThermaLine **BASIC** provides a base level improvement in thermal insulation, which is ideal when used in combination with other insulation or where modest upgrades are required. The range of thicknesses suits the low-level upgrades available.

Thicknesses: 22mm, 30mm, 40mm



## PLUS

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

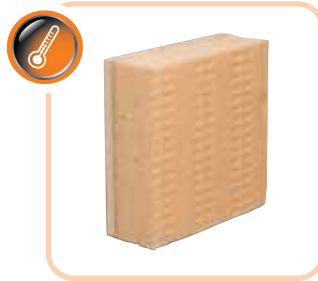
### Window reveals

The 27mm is the thinnest of our laminates with an integral vapour control, 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 the internal wall solution.

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



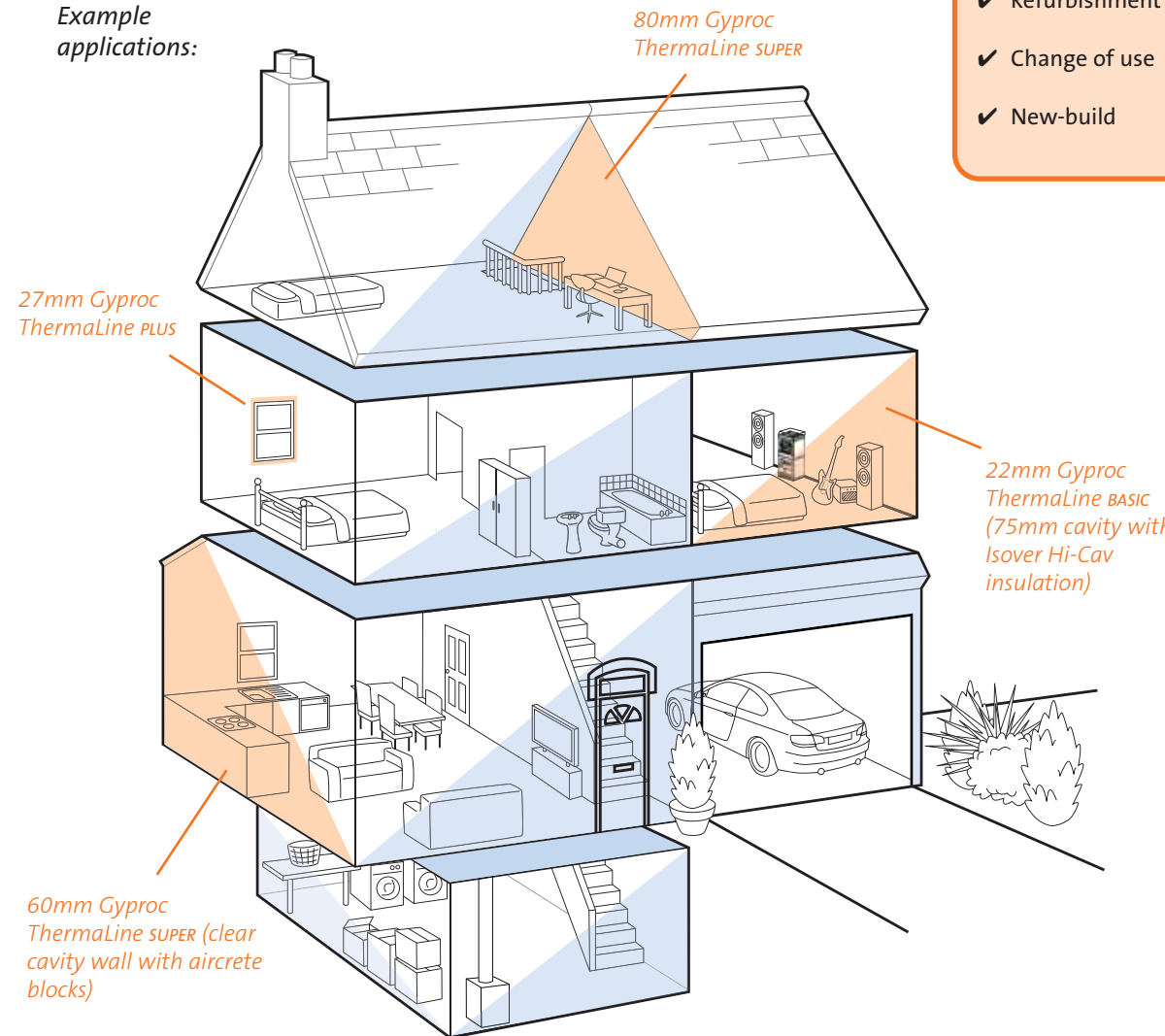
## SUPER

Gyproc ThermaLine **SUPER** is available in a wide range of thicknesses from 30mm - 90mm and provides solutions for a whole variety of constructions, including refurbishments and conversions of properties requiring substantial thermal upgrades. All boards have vapour control as standard, so provides peace of mind for all environments.

Thicknesses: 30mm, 40mm, 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 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 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, including **Drylyner**  $\pi$ , **Gyplyner UNIVERSAL** and **Gyplyner IWL**. Two new documents provide further detailed information, including **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](http://www.british-gypsum.com)

Board	Performance benefit	Thickness mm	Length mm	Width mm	Edge type	Vapour control layer	R value (m <sup>2</sup> K/W)	Kg/m <sup>2</sup>	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								
		40					0.63	6.5								
PLUS	Thermal	27	1200	2400	Tapered	Yes	0.63	6.5	9.5mm Gyproc WallBoard	Extruded polystyrene	Yes	Yes	Zero	<5	Yes	Yes
		35					0.88	7.2								
		40					1.07	7.7	12.5mm Gyproc WallBoard							
		48					1.25	8.1								
SUPER	Thermal	30	1200	2400	Tapered	Yes	0.97	6.3	9.5mm Gyproc WallBoard	Phenolic foam	Yes	Yes	Zero	<3	Yes	Yes
		40					1.49	6.4								
		50					1.97	6.5								
		60					2.56	6.6								
		70					3.06	6.7								
		80					3.56	6.8								
		80					3.56	6.8								
		90					4.06	6.9								