

High Performance Insulation for Masonry Block & Tilt Slab Walls

1.9
R-VALUE
@60mm

Continuous
insulation
no thermal
bridging

- Eliminates Thermal Bridging
- Designed specifically for use with masonry block and tilt slab walls
- Graphite infused delivering exceptional insulation values
- Lightweight and easy to handle
- Designed to meet new H1 standards



NEW GENERATION
Consciously designed
& engineered



High Performance Expanded Polystyrene Insulation for Masonry Block and Tilt Slab Walls

EXPOL FastLine (Graphite Infused – Premium Expanded Polystyrene Sheet) is EXPOL's new generation high performance Expanded Polystyrene Board, specifically designed for internal insulation of masonry block and tilt slab walls.

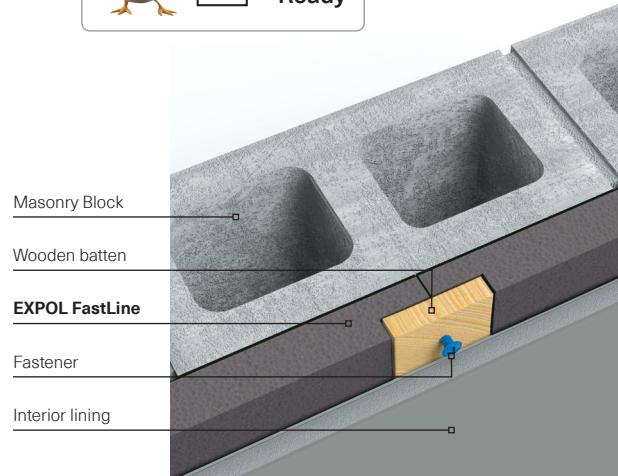
Delivering exception R-values at various thickness, EXPOL is a cost-effective wall insulation solution.

Designed to meet the updated H1 standards EXPOL FastLine is a fast and simple wall insulation solution.

EXPOL FastLine's durable nature means it will not degrade over time, keeping its integrity for the life of the structure.

EXPOL FastLine increases the thermal performance of a building

- ◆ Continuous insulation no thermal bridging
- ◆ Designed specifically for use with masonry block and tilt slab walls
- ◆ A Building Code compliant wall insulation system designed for New Zealand conditions
- ◆ Graphite Infused Expanded Polystyrene delivering exceptional insulation values
- ◆ Lightweight and easy to handle
- ◆ Designed to meet new H1 standards
- ◆ Easy to install
- ◆ Manufacturing waste is actively recycled into other EXPOL products



FastLine Technical Specifications

Property	Unit	EXPOL FastLine	Test Reference
Material		Expanded Polystyrene with Graphite	
Density	kg/m3	18	
Thickness / Product R-value	m2K/W		ASTN C518-04
	45mm	R 1.40	
	60mm	R 1.90	
	70mm	R 2.20	
	90mm	R 2.80	
Determination of flame propagation surface ignition			AS2122.1-1993
Medium flame duration (max)	sec	2	
Eighth value	sec	3	
Fire behaviour			
Spread of flame Index	(0 -10)	0	AS/NZS
Smoke Developed Index	(0 -10)	5	1503.3:1999
Rate of water vapour transmission (max) measured parallel to rise at 23°C	MG/M2S	520	AS 2498.5

SUSTAINABILITY

EXPOL FastLine (Graphite Infused – Premium Expanded Polystyrene Sheet) can be easily recycled.

Sheet Sizes

	(mm)	Length	Width	Thickness
EXPOL FastLine		2400	600	45
		2400	600	60
		2400	600	70
		2400	600	90

Scan the code for more information
www.expol.co.nz/expol-fastline



MANUFACTURING STANDARD

All products and grades of Expanded Polystyrene supplied by EXPOL for wall insulation comply with manufacturing standard AS 1366 Part 3 1992.



Learn about our recycling initiatives



Sustainability
E: sustainability@expolearth.co.nz

Website
www.expolearth.co.nz

