EXPOL
Guaranteed Performance

FASTline
CONCRETE WALL PANEL INSULATION

High Performance Insulation for Masonry Block & Tilt Slab Walls



1.9
R-VALUE
@60mm

Continuous insulation no thermal bridging

NEW GENERATION
Consciously designed & engineered

- **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**



FASTline 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.

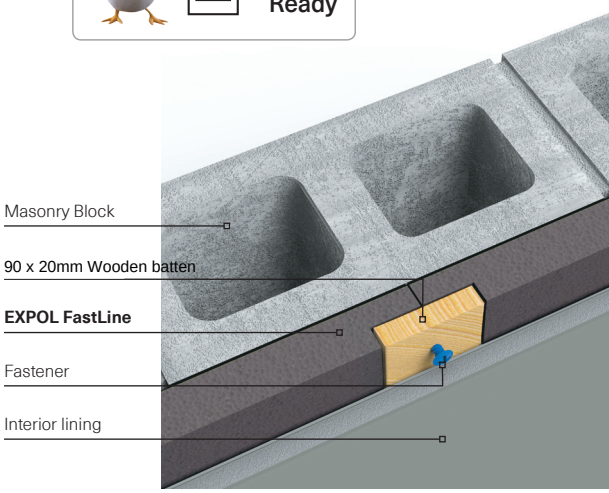
Designed to meet the updated H1 standards EXPOL FastLine is a fast and simple wall insulation solution.

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

MANUFACTURING STANDARD

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

Scan the code for more information

www.expol.co.nz/expol-fastline

Learn about our recycling initiatives

EXPOLearth It's our Planet!

Sustainability
E: sustainability@expolearth.co.nz

Website
www.expolearth.co.nz

EPS RECYCLABLE PRODUCT

11/2024

EXPOL Guaranteed Performance

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Quotes/Technical
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EXPOL Product Training
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