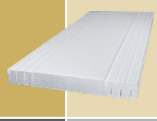
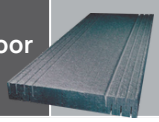
EXPOL Underfloor Insulation

Technical Specifications

R1.8
ONLY AVAILABLE IN NSW, VIC & SA

Dimensions (mm)	Thickness	Length	Width	p/bag	m2 coverage
EXPOL R 1.4 Underfloor Insulation 	60	1200	410	11	5.41
	60	1200	470	10	5.64
	60	1200	560	9	6.05
EXPOL R 1.8 Black Underfloor Insulation 	60	1200	410	11	5.41
	60	1200	470	10	5.64
	60	1200	560	9	6.05

Please note: Nominal length between 1200mm to 1240mm. This does not impact installation in any way. The widths do not vary and will fit snugly between joists.

Property	Unit	EXPOL R1.4 UnderFloor Insulation	EXPOL R1.8 UnderFloor Insulation	Test Reference
Material		**Expanded Polystyrene (EPS)**	**Expanded Polystyrene with Graphite**	
Nominal Density	kg/m3	13.5	19	
Thickness / Nominal Product R-Value	m2K/W 60mm 120mm (Double Layer)	R 1.40 R 2.80	R 1.80 R 3.60	ASTM C518-04 AS 4859.1
Nominal Compressive Strength at 10% deformation (min)	kPa	70	105	AS 2498.3
Nominal Cross breaking strength	kPa	135	200	AS 2498.4
Determination of flame propagation surface ignition Medium flame duration (max) Eighth value	 sec sec	 2 3	 2 3	AS2122.1-1993
Fire behaviour - Spread of Flame Index - Smoke Developed Index	(0-10) (0-10)	0 5	0 5	AS/NZS 1530.3:1999
Dimensional stability of length, width & thickness (max) at 70 deg C for 7 days	%	1	1	AS2498.6
Recycled content (where possible)	%	25	25	
Rate of water vapour transmission (max) measured parallel to rise at 23°C	µg/m².s	630	520	AS 2498.5

COMPLIANCE AND SUSTAINABILITY

EXPOL Underfloor Insulation complies with the Australian Standard AS/NZS 4859.1.2002. Panels are fully recyclable when returned to a StyroCycle drop off site. Please visit StyroCycle for drop off locations.

STYROCYCLE
POLYSTYRENE RECYCLING

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PS

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