



R1.8
ONLY AVAILABLE
IN VIC & SA

| Dimensions (mm) | Thickness | Length | Width | p/bag | m ² 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/m ³ | 13.5 | 19 | |
| Thickness / Nominal Product R-Value | m ² K/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) | sec | 2 | 2 | AS2122.1-1993 |
| Eighth value | sec | 3 | 3 | |
| Fire behaviour - Spread of Flame Index | (0-10) | 0 | 0 | AS/NZS 1530.3:1999 |
| - Smoke Developed Index | (0-10) | 5 | 5 | |
| 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/m ² .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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