



TECHNICAL DATASHEET

XPS EXTRUDED POLYSTYRENE INSULATION

XPS 300

XPS 300 is a high performance rigid extruded polystyrene insulation board providing a durable thermal solution to technically demanding applications where high compressive loading is a requirement.

XPS 300 is ideally suited for use in commercial, industrial and cold storage areas where vehicular traffic and loading is an issue. XPS is suitable for use in applications such as basement floor, wall and inverted flat roof build-ups.

Dimensions: 1250 x 600mm

Profile: Rebated Edge

1. Products & Units

Essential Characteristics	Performance	Test Standard
Thermal Conductivity	≤ 60mm: 0.034 W/mK 70-90mm: 0.035 W/mK ≥ 100mm: 0.036 W/mK	EN 12667 EN 12667 EN 12667
Reaction to Fire	Euroclass E	EN 13501-1
Thickness Tolerance	+2/-2 (<50mm) +3/-2 (≥50mm)	EN 823
Compressive Strength	300 kPa at 10% compression	EN 826
Water Absorption	WL(T)0,7	EN 12807

Thermal Resistances

Thickness (mm)	R-Value (m ² K/W)
50	1.45
60	1.75
80	2.25
100	2.75
120	3.30
140*	3.85
160*	4.40

ISO 9001 Quality Management Systems
ISO 14001 Environmental Management Systems

*Available subject to quantity and lead time

Unilin Insulation Ireland Ltd
Liscarton Industrial Estate, Kells Road, Navan, Co. Meath Ireland, C15 NP79

T +353 (0)46 906 6000
F +353 (0)46 906 6090
E info.ui@unilin.com