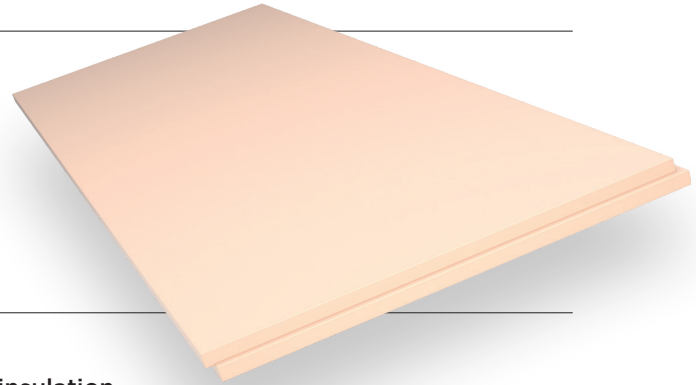




TECHNICAL DATASHEET

XPS EXTRUDED POLYSTYRENE INSULATION



XPS 500

XPS 500 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 500 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 | 40-80mm: 0.033 W/mK 85-120mm: 0.034 W/mK | EN 12667 EN 12667 |
| Reaction to Fire | Euroclass E | EN 13501-1 |
| Thickness Tolerance | +2/-2 (<50mm) +3/-2 (≥50mm) | EN 823 |
| Compressive Strength | 500 kPa at 10% compression | EN 826 |
| Water Absorption | WL(T)0,7 | EN 12807 |

Thermal Resistances

| Thickness (mm) | R-Value (m²K/W) |
|----------------|-----------------|
| 50 | 1.50 |
| 60 | 1.80 |
| 80 | 2.25 |
| 100 | 2.85 |
| 120 | 3.50 |

ISO 9001 Quality Management Systems
ISO 14001 Environmental Management Systems

*Available subject to quantity and lead time

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