



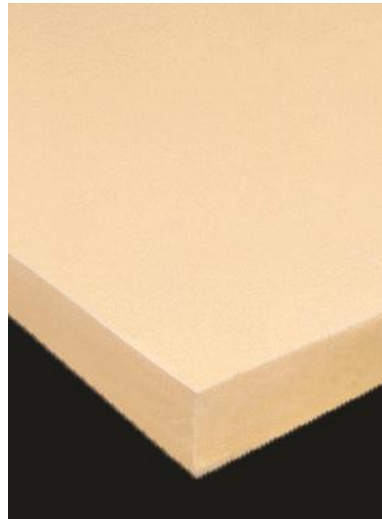
## DCT XPS Block

### Details

For technically demanding applications, DCT XPS Block rigid extruded polystyrene board provides long term thermal performance, helping to ensure energy efficiency in a vast range of commercial and residential applications.

### Applications

- Cold store floors
- Cold roof
- Cold bridge insulation
- External render or cladding
- Plasterboard laminate
- Refrigerated truck panels
- Composite building panels



### Features

- Straight edge
- Exceptional strength and proven long term performance
- High resistance to settlement and compaction
- Dimensional and edge profile stability
- Excellent moisture performance due to the closed cell structure
- Low vapour permeability
- High resistance to freeze thaw cycles
- Superior thermal resistance
- Thinner boards required than some traditional materials

### Health and Safety

- CFC, HCFC & HFC free formulation
- Zero ozone depletion potential (ODP) Low GWP
- Non-irritant, light and easy to handle
- Clean, easy cutting, robust and inherent weather resistant on site

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**Technical Data**

Product Name:	<b>DCT XPS Block</b> Extruded polystyrene XPS rigid thermal insulation
Product Description:	DCT XPS extruded polystyrene (XPS) rigid thermal insulation board for cold store floors, cold roof, cold bridge insulation, external render and/or cladding, plasterboard laminate, refrigerated truck panels and composite building panels.
Surface finish:	Planned
Product code:	DCT XPS Block
Colour:	Sand
Edge treatment:	Straight edge
Nominal Thickness:	75 and 100 mm
Width:	600 mm
Length:	2500 mm
Density:	35 kg/m <sup>3</sup>
Compressive strength:	300 kPa (min) @ 10% deformation
Water absorption by immersion:	<1.5% Vol.
Capillarity:	Nil
Maximum service temperature:	-50/+75°C
Blowing agent:	CO <sup>2</sup>

**Nominal Thickness to R-Value**

**DCT XPS Block @ 24°C**

<b>Nominal Thickness mm</b>	<b>Lambda/K Value/Thermal Conductivity</b>	<b>R Value</b>
75	0.033	2.3
100	0.033	3.0