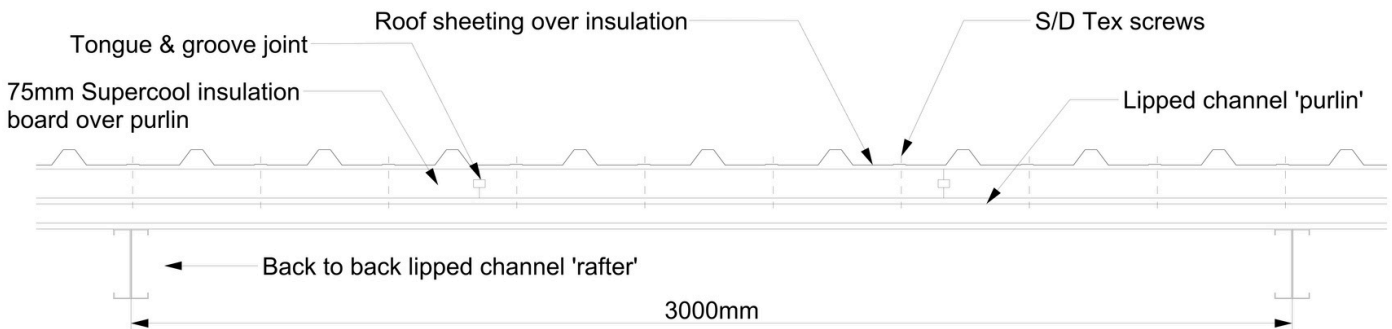
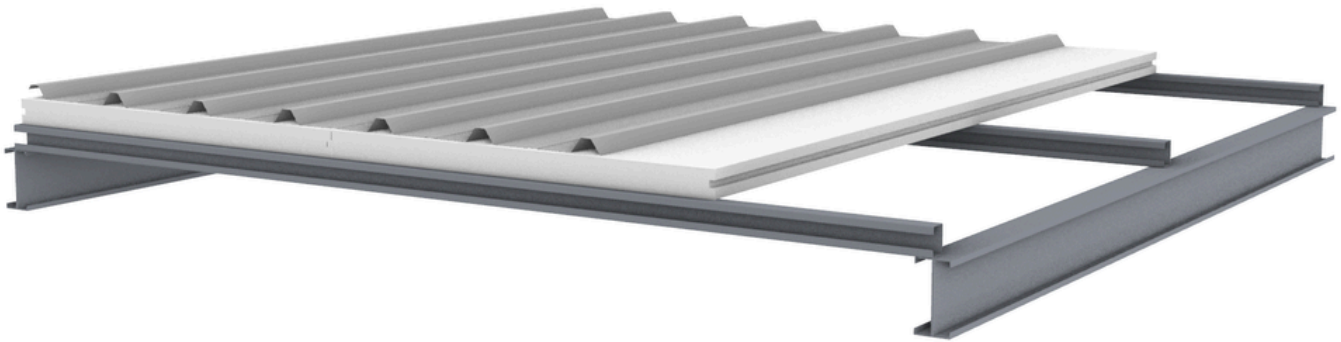




SuperCool - (Tongue & Groove) Ceiling Insulation Solution

Product description

SuperCool is a composite insulating board comprising white 1mm UPVC sheet laminated to one side of a polystyrene sheet. SuperCool offers a durable, washable, and aesthetically pleasing insulated ceiling solution. It is cost-effective, durable, and easy to install. SuperCool boards are available in widths of 1200mm, thicknesses of 50/60/75/100mm and any length up to 7500mm.



Typical applications

- Agricultural - poultry-, piggery-farming, etc.
- Industrial, retail and warehouses

Benefits

- Thermal efficiency
- Ease of handling
- Ease of installation
- Retrofit to existing systems

Installation solution options

- Over-purlin (preferred method of installation-as per above diagram)
- Below truss
- Across beam

Thermal performance

Expanded Polystyrene of the Fire Retardant type is used in a standard density of 15 kg per cubic metre. Higher densities of 20 or 30 kg per cubic metre are available if required by special insulation and mechanical requirements. The thermal performance of a 15 density SuperCool board is indicated in the table below.

Board thickness (mm)	Thermal resistance R-value (m ² k/watt) - in application
50	1.60 m ² K/Watt- 50mm board (15 Density EPS)
60	1.87 m ² K/Watt- 50mm board (15 Density EPS)
75	2.30 m ² K/Watt- 75mm board (15 Density EPS)
100	2.95 m ² K/Watt- 100mm board (15 Density EPS)