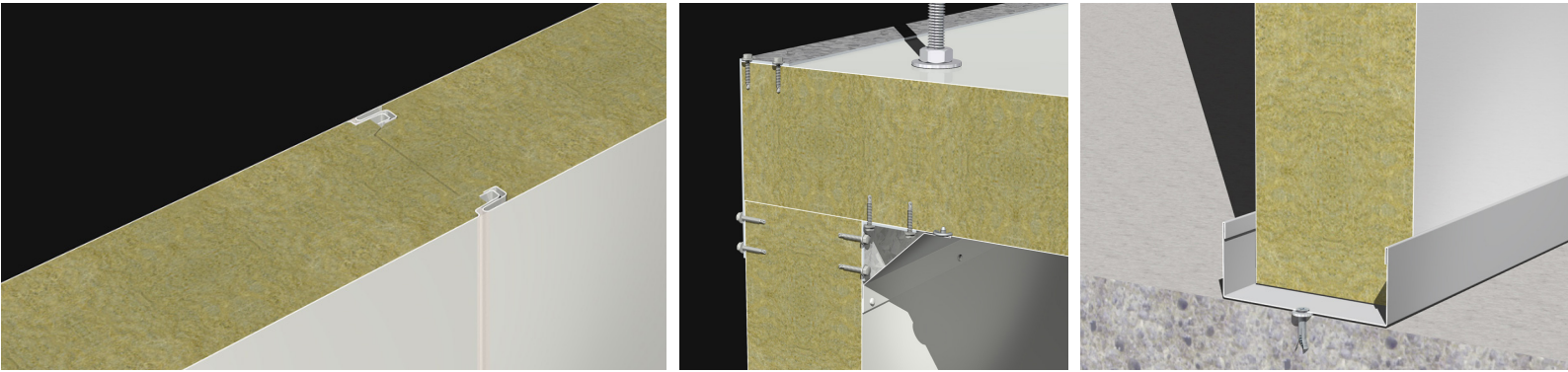


MINERAL FIBRE CORE PANEL



Joint detail included for illustration only, exact joint detail may vary. Please contact us should you require further information.

Panel Thickness (T) (mm)	U-Value (W/m ² K)	Weight (kg/m ²)	Max Wall & Ceiling Spans (m)*	Fire Certification (min)**
75	0.49	18.46	8.2	60
100	0.38	21.84	9.4	30-120
125	0.31	25.21	10.5	30-120
150	0.26	28.59	11.5	30-120
175	0.23	31.97	12.0	180***
Standard lengths: 1.8m to 12m				
Standard width: 1200mm				

*wall panel based on 0.25kN/m² maximum uniformly distributed load. Ceiling panel calculations are based on BS6399 using a uniformly distributed load of 0.25kN/m² plus a point load of 0/9 kN based on the cold state structural performance of the panels. Where fire resistance is required, the allowable spans may need to be reduced to ensure the fire resistance is maintained.
 **exact fire resistance dependent on installation and span.
 ***0.7mm facings.

Application

Controlled environment insulated wall & ceiling panel system that can be laid vertically or horizontally and can be suitable for internal or external wall and roof applications.

Insulation Core

135kg/m³ stone wool manufactured from diabase rock

Substrate

- Steel
- Thickness: 0.5mm nominal internal & external (75-150mm panel thickness) & 0.7mm nominal internal & external for 175mm panel thickness

Substrate Coatings

- Food-safe laminate
- Primer coated galvanised
- White/grey polyester
- Stainless steel 304

Heat Transmission

Thermal conductivity (λ) 0.042 W/mK

Fire Certification

- LPCB certified to LPS 1181 & 1208: FR30 & FR60 - wall & ceilings
- FM Approved to FMRC 4880 Class 1 Fire Certification

Sustainability

End of life: Fully recyclable at conventional shredder plants

