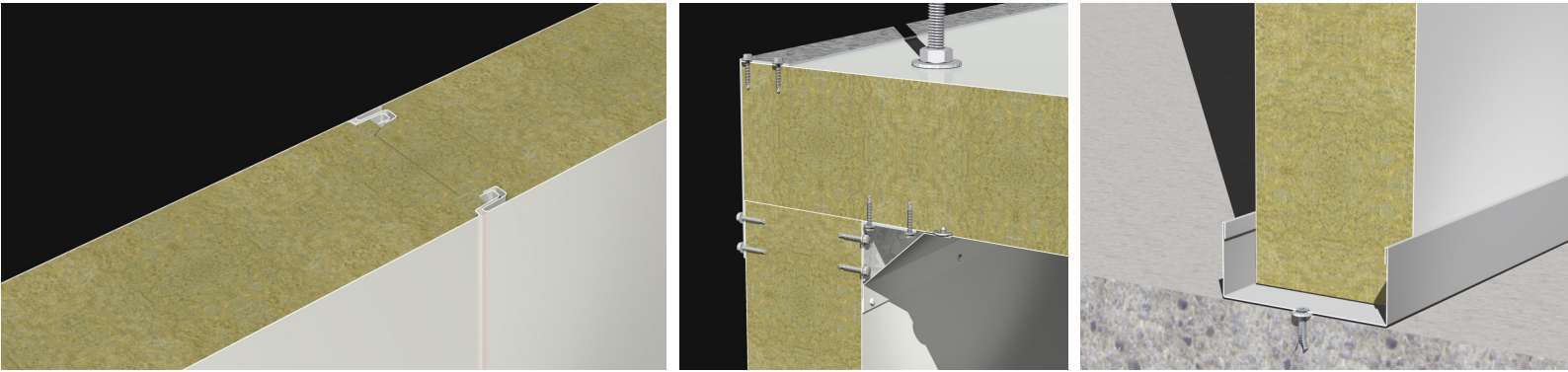


# MINERAL FIBRE CORE PANEL



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 <sup>2</sup> K)	Weight (kg/m <sup>2</sup> )	Max Wall & Ceiling Spans (m)*	Fire Certification (min)**
100	0.40	20.5	7.5	30-120
125	0.33	23.5	7.5	30-120
150	0.27	26.5	7.5	30-120
Standard lengths: 1.8m to 12m				
Standard width: 1200mm				

\*wall panel based on 0.25kN/m<sup>2</sup> maximum uniformly distributed load. Ceiling panel calculations are based on BS6399 using a uniformly distributed load of 0.25kN/m<sup>2</sup> 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

120kg/m<sup>3</sup> 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/White polyester (RAL 9010)
- 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