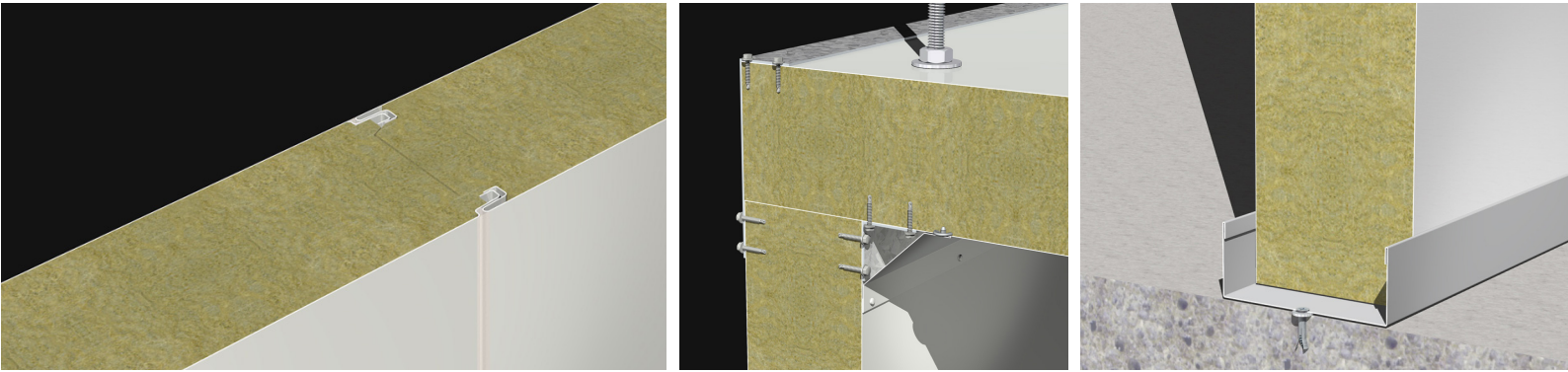


# MINERAL FIBRE CORE PANEL



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) - LPS 1203*	Fire Certification (min)**
100	0.40	20.5	7.5	30
100	0.40	20.5	6	60
100	0.40	20.5	5.5	90 - 240
125	0.33	23.5	7.5	30
125	0.33	23.5	6	60
125	0.33	23.5	5.5	90 - 240
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

Stone wool manufactured from diabase rock

## Substrate

- Steel
- Thickness: 0.5mm nominal internal & external (100-150mm panel thickness)

## Substrate Coatings

- Food-safe laminate
- Primer coated galvanised
- White/White polyester (RAL 9010)
- Stainless steel 304

## Heat Transmission

Thermal conductivity (λ) 0.27 W/mK

## Fire Certification

- LPCB certified to LPS 1181 & 1208
- FM Approved to FMRC 4880 Class 1 Fire Certification

## Sustainability

End of life: Fully recyclable at conventional shredder plants