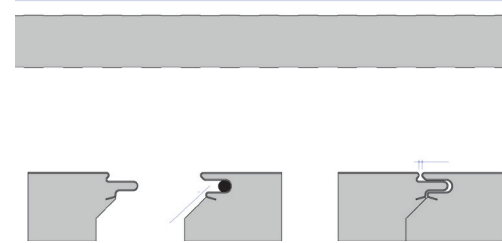


# IPN-QUADCORE PANEL



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

Panel Thickness (mm)	U-Value (W/m <sup>2</sup> K)	Weight (kg/m <sup>2</sup> ) Based on 0.5mm/0.5mm	Max Wall Span (m)* (Chill)	Max Ceiling Span (m)** (Chill)	Fire Certification (min)***
50	0.38	10.6	5.4	3.6	N/A
80	0.23	11.8	7.5	5.5	N/A
100	0.18	12.6	8.9	6.6	FR30
125	0.15	13.6	10.2	7.7	FR30
150	0.12	14.6	11.3	8.8	FR30
175	0.10	15.6	12.2	9.7	FR30 & FR60
200	0.09	16.6	13.3	10.2	FR30 & FR60
Standard lengths: 1.8m to 14.5m					
Standard width: 1100mm					

\*Indicative values only, based on specific testing criteria. Please contact us for further information if required.

\*\*Based on 0.9kN/m<sup>2</sup> maximum uniformly distributed loads. Indicative values only, based on specific testing criteria. Please contact us for further information if required.

\*\*\*When installed to appropriate specification.

## Application

Controlled environment insulated fire resistant 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

Kingspan IPN-Quadcore hybrid insulation core non-combustible

## Substrate

- Steel sheet galvanized on both sides with a zinc coat of 275g (ZN)/m<sup>2</sup>
- Thickness: 0.5mm nominal internal & external

## Substrate Coatings

Polyester Coating 25 µm

- Colour: White 9010 (RAL), other colours available on request

Also available PVDF, polyester, plastisol, food-safe hygienic protection.

## Fire Certification

- LPCB certified to LPS 1208: Walls & Ceilings
- FM Approved to FMRC 4880, 4881, 4882 Class 1 Fire Certification

## Sustainability

- UltraTemp insulated panels with IPN-Quadcore formulation can achieve a Green Guide A+ rating as per BRE Global Green Guide to Specification.
- End of life: Fully recyclable at conventional shredder plants.

