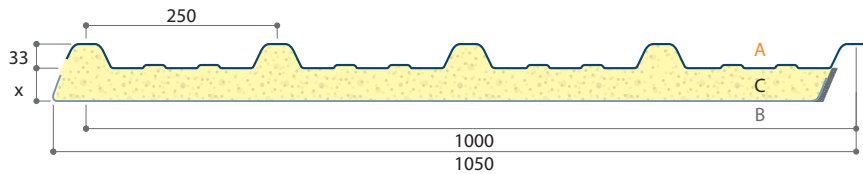
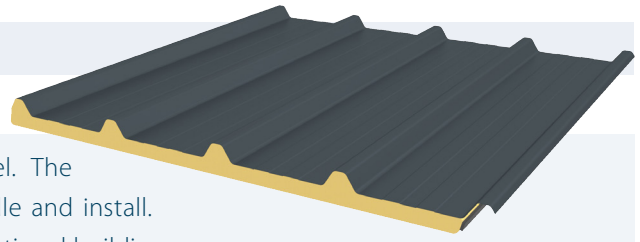


Insulated Panels

JI Eco PIR

JI

The JI Eco PIR panel is a lightweight insulated panel. The aluminium foil liner at the inside makes it easy to handle and install. This roof panel is mostly applied for agricultural and functional buildings.



Article	Thickness (mm)	Masse (kg/m ²)	U-value (W/m ² K)
3264	30	7,43	0,66
3265	40	7,83	0,49
3266	60	8,63	0,33
8418	100	10,23	0,20

U-values are calculated in accordance with the method described in EN 14509 and in compliance with Part L2 (England and Wales) Building Regulations and Section 6 (Scotland) Technical Handbooks.

Technical properties

Length	from 2500 mm to 13600 mm
Steel quality	S 280 GD
Outer sheet coating	Essential 25μ, C200 leathergrain 200μ, Ultra 60 μ, HPS 200 Ultra®
Insulation core	Polyisocyanurate (PIR) density: 40 ±5kg/m ³
Fire class	B-s2, d0
Cutback	Standard from 50 mm to 350 mm on a minimum insulation length of 2500 mm
Inner sheet	Aluminium foil Stucco
Finish	Depending on coating and colour
Accessories	Clearlights, flashings, fixings, sealants, ...

Quality

The Joris Ide products are manufactured complying to the ISO 9001 standards. The processed materials are all high quality and were chosen to match our customer's expectations.

Span table

The span tables below are valid for roof application and under the compliance of the following assumptions:

- Self-weight is already included on the span table.
- Deflection limit for short term loads: $L/200$.
- The minimum support width at the end and intermediate supports is 50 mm. Larger supports are permissible.
- Fixing performances are not included.
- Linear interpolation may be used to determine to capacity of an intermediate span length.
- In the case of double or multiple span conditions, this span/load table can only be used when all spans are equal or when the difference between them is less than 10%.

Downward pressure Load type (kN/m²)

Span (m)	Single	Double	Multiple
1,30	2,92	2,92	2,92
1,40	2,50	2,50	2,50
1,50	2,13	2,17	2,17
1,60	1,75	1,90	1,90
1,70	1,45	1,67	1,67
1,80	1,21	1,49	1,49
1,90	1,00	1,34	1,34
2,00	-	1,20	1,20
2,10	-	1,08	1,08
2,20	-	-	-
2,30	-	-	-

For other cases that doesn't fit within the assumptions presented above, please contact the technical assistance department of Joris Ide

Upward suction Load type (kN/m²)

Span (m)	Single	Double	Multiple
1,30	3,00	3,00	3,00
1,40	2,61	2,61	2,61
1,50	2,25	2,28	2,28
1,60	1,89	2,00	2,00
1,70	1,58	1,79	1,79
1,80	1,35	1,61	1,61
1,90	1,17	1,45	1,45
2,00	1,00	1,32	1,32
2,10	-	1,20	1,20
2,20	-	1,10	1,10
2,30	-	1,00	1,00

For other cases that doesn't fit within the assumptions presented above, please contact the technical assistance department of Joris Ide