

GENERAL DESCRIPTION

MONOPANEL TJ G3 self-supporting sandwich panels consist of a steel or aluminium sheet on the external face, an internal face that can be manufactured in different finishes, and a core of polyurethane foam that provides great thermal insulation.

They are designed to enclose sloping roofs with a minimum slope of 3% in roofs without overlap, and 6% in roofs with overlap.


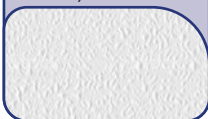

PRODUCTION SPECIFICATIONS

Useful width	1.000 mm.
Maximum length	15.000 mm.

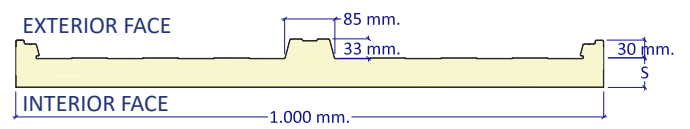
FINISHES FOR EXTERNAL FACE

Steel coating	PE PVDF PVC HDX PET Others
Aluminium coating	PES PESHD PUPA PVDF LOW Others

FINISHES FOR INTERNAL FACE

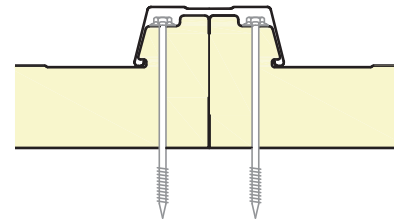
<p>Embossed natural aluminum: · e: 0,08 mm. · e: 0,06 mm.</p> 	<p>Emb. lacquered aluminum: · e: 0,08 mm. · e: 0,06 mm.</p> 	<p>Felt cardboard</p> 
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PANEL SECTION



PANEL JOINT

Hidden fixing



MAXIMUM ALLOWABLE SPANS. External face of steel

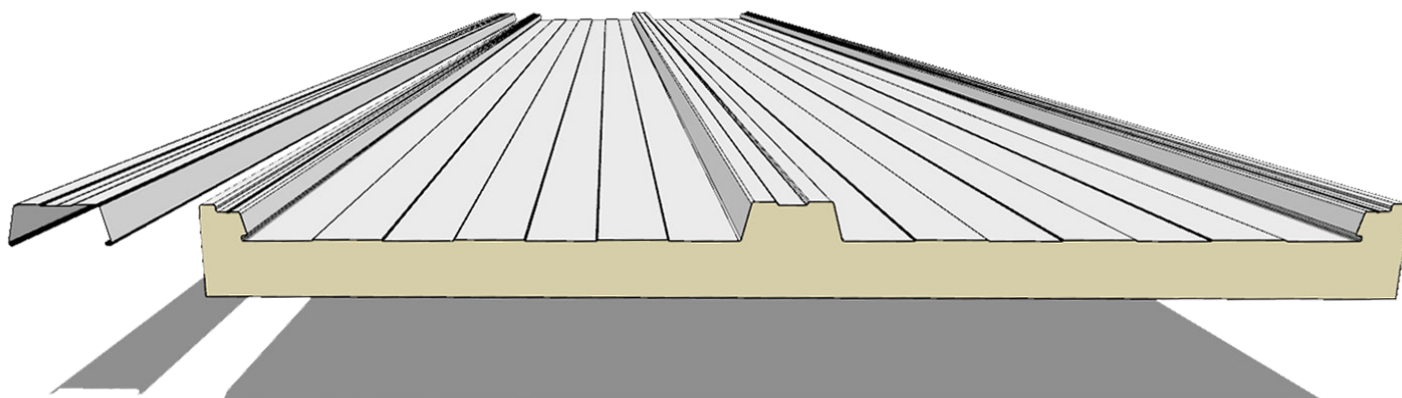
Maximum length recommends between supports (m.) accordance with the uniformly distributed load (daN/m²).

PANEL THICKNESS (mm)	WEIGHT (kg/m ²)	TRANSMITANCIA TÉRMICA U (W/m ² K)		ALLOWABLE SPANS L (m) MULTIPLE SUPPORTS								ALLOWABLE SPANS L (m) TWO SUPPORTS							
		U with JOIN FACTOR	U without JOINT FACTOR	OVERLOAD P (daN/m ²)								OVERLOAD P (daN/m ²)							
				60	80	100	120	150	200	250	60	80	100	120	150	200	250		
0,40+C.I.	30	5,18	0,74	0,68	1,41	1,23	1,11	1,02	0,91	0,79	0,71	1,44	1,26	1,13	1,04	0,93	0,81	0,73	
	40	5,58	0,57	0,52	1,49	1,30	1,17	1,08	0,97	0,84	0,76	1,54	1,35	1,21	1,11	1,00	0,87	0,78	
	50	5,99	0,46	0,42	1,57	1,37	1,24	1,13	1,02	0,89	0,80	1,65	1,45	1,30	1,19	1,07	0,93	0,84	
0,50+C.I.	30	6,07	0,74	0,68	1,78	1,56	1,41	1,29	1,16	1,01	0,91	1,83	1,67	1,56	1,47	1,32	1,15	1,03	
	40	6,47	0,57	0,52	1,84	1,61	1,45	1,33	1,20	1,04	0,93	1,91	1,74	1,63	1,53	1,39	1,21	1,09	
	50	6,87	0,46	0,42	1,86	1,63	1,47	1,35	1,21	1,06	0,95	1,99	1,83	1,70	1,61	1,48	1,29	1,16	



MONOPANEL TJ G3

Roof



REACTION TO FIRE

Classification F

EN 13501-1

PRODUCT CERTIFICATIONS

Certificate of conformity

Data Sheet

APPLICATIONS

