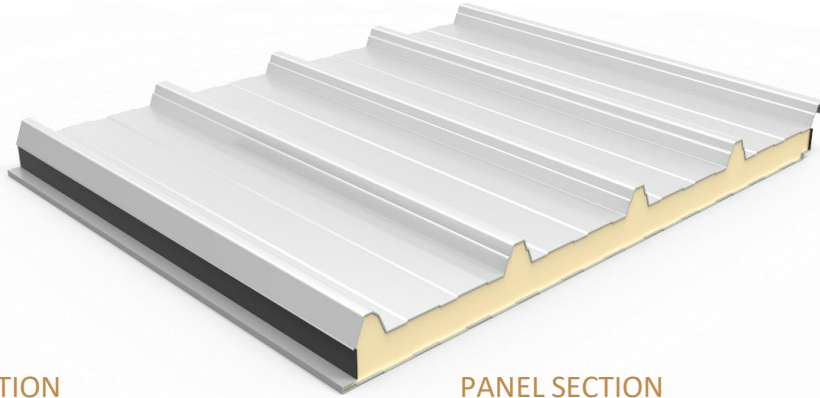


FIVE FRETS PANEL



GENERAL DESCRIPTION

Five frets Panel self-supporting sandwich panels consist of a steel sheet on both faces with a core of polyurethane or polyisocyanurate foam that provides great thermal insulation.

They are designed to enclose sloping roofs with a minimum slope of 5% in roofs without overlap, and 7% in roofs with overlap.

The recommended maximum length for this product is 16.500 mm, with a useful width of 1.000 mm.

PRODUCT CERTIFICATIONS

CE Marking pursuant to standard UNE-EN 14509 and certificate of conformity.

BENEFITS

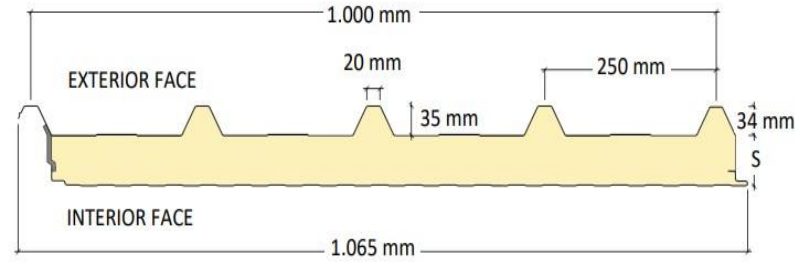
The exposed fastening system provides for swift assembly guaranteeing watertightness against rain.

As it is a lightweight prefabricated panel, we would highlight the ease and speed of assembly, homogeneity and quality of the finishes inherent to a product with a continuous manufacturing process.

REACTION TO FIRE

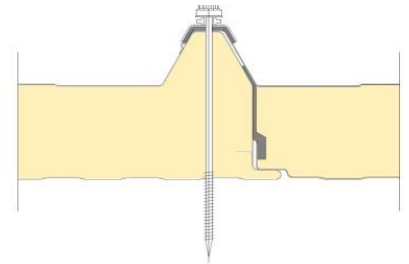
F, B-s2,d0 and B-s1,d0 classification, pursuant to standard UNE-EN 13501-1:2007+A1:2010. CFC-free.

PANEL SECTION

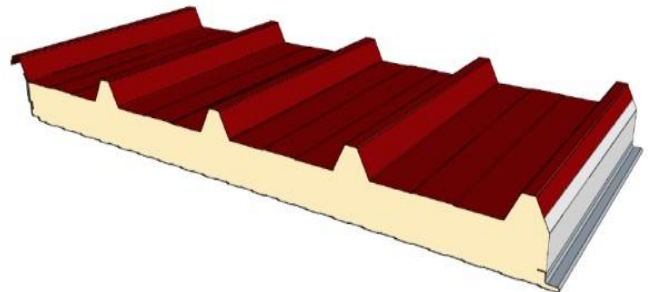


PANEL JOINT

Visible fixing



3D COMPOSITION



PRODUCT CHARACTERISTICS Maximum spans recommended.

THICKNESS (mm)	WEIGHT (kg/m ²)	THERMAL TRANSMITTANCE U (W/m ² K)		SPANS L (m)								SPANS L (m)							
				OVERLOAD P (daN/m ²)				OVERLOAD P (daN/m ²)				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+0,40	U with JOINT FACTOR	U without JOINT FACTOR	60	80	100	120	150	200	250	60	80	100	120	150	200	250			
30	7,02	0,74	0,68	2,92	2,56	2,30	2,11	1,90	1,65	1,48	2,40	2,10	1,89	1,74	1,56	1,36	1,22		
40	7,43	0,57	0,52	3,19	2,79	2,52	2,31	2,08	1,81	1,63	2,82	2,47	2,23	2,04	1,84	1,60	1,43		
50	7,83	0,46	0,42	3,45	3,02	2,73	2,50	2,25	1,96	1,76	3,22	2,83	2,55	2,34	2,10	1,83	1,64		
60	8,24	0,38	0,35	3,70	3,24	2,93	2,69	2,42	2,11	1,89	3,60	3,16	2,85	2,62	2,35	2,05	1,84		
80	9,04	0,29	0,27	4,15	3,65	3,30	3,03	2,73	2,38	2,14	4,30	3,78	3,41	3,13	2,82	2,45	2,20		
100	9,85	0,24	0,22	4,57	4,02	3,63	3,34	3,01	2,63	2,36	4,93	4,33	3,91	3,60	3,24	2,82	2,54		
115	10,74	0,21	0,19	4,85	4,27	3,86	3,56	3,21	2,80	2,52	5,36	4,72	4,26	3,92	3,53	3,08	2,77		
0,50+0,40	U with JOINT FACTOR	U without JOINT FACTOR	OVERLOAD P (daN/m ²)								OVERLOAD P (daN/m ²)								
30	7,98	0,74	0,68	3,24	2,85	2,57	2,36	2,12	1,85	1,66	3,28	3,00	2,80	2,65	2,39	2,08	1,86		
40	8,39	0,57	0,52	3,52	3,09	2,79	2,56	2,31	2,01	1,81	3,75	3,43	3,20	3,03	2,81	2,44	2,19		
50	8,79	0,46	0,42	3,80	3,34	3,01	2,77	2,49	2,17	1,95	4,20	3,85	3,59	3,39	3,16	2,80	2,51		
60	9,19	0,39	0,35	4,07	3,58	3,23	2,97	2,67	2,33	2,09	4,63	4,25	3,96	3,74	3,49	3,14	2,82		
80	10,00	0,29	0,27	4,56	4,01	3,63	3,33	3,00	2,62	2,36	5,44	5,00	4,67	4,41	4,11	3,74	3,39		
100	10,80	0,24	0,22	5,01	4,41	3,99	3,67	3,31	2,89	2,60	6,20	5,69	5,32	5,06	4,68	4,17	3,75		
115	11,70	0,21	0,19	5,32	4,69	4,24	3,91	3,52	3,08	2,77	6,73	6,19	5,78	5,46	5,08	4,44	3,99		