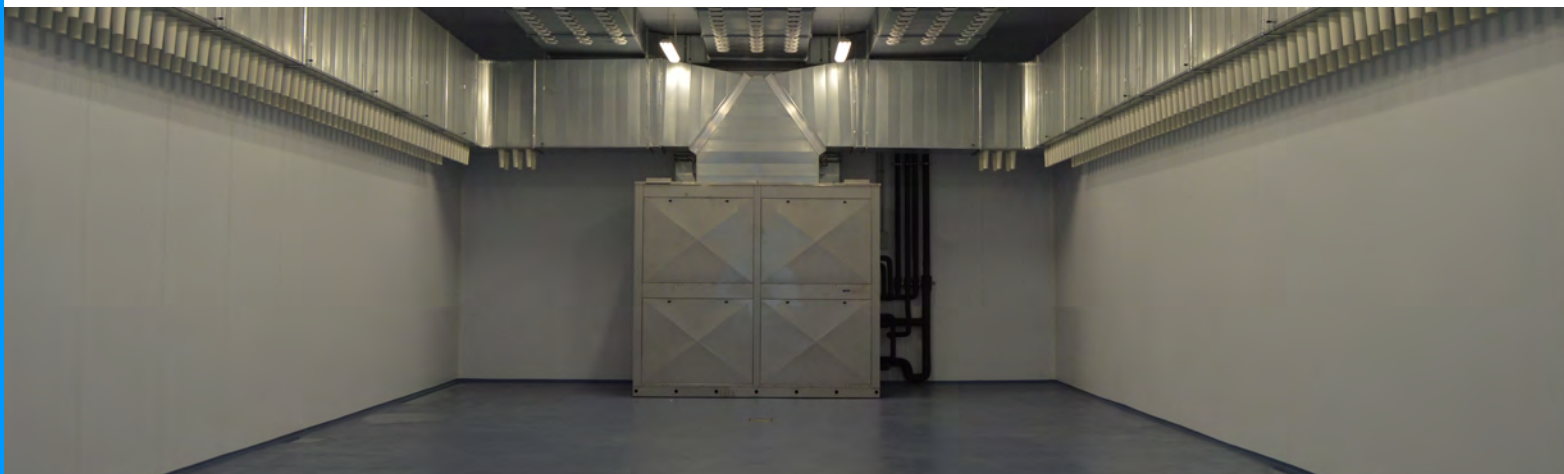




GENERAL DESCRIPTION

Frimet 4.0 self-supporting sandwich panels consist of a steel sheet on both faces and a core of polyurethane foam that provides great thermal insulation.

They are designed for warehouses and cold stores with temperatures above and below zero.

The recommended maximum length for this product is 18,500 mm, with a useful width of 1.100 mm.

PRODUCT CERTIFICATIONS

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

BENEFITS

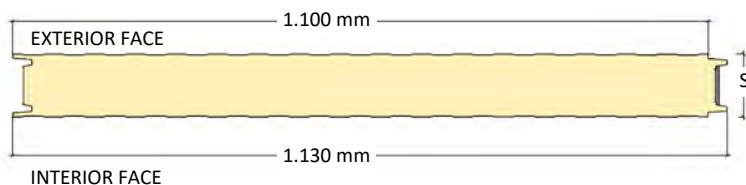
Thanks to its design we obtain a product that is easy to assemble with a high degree of thermal insulation and great mechanical resistance.

REACTION TO FIRE

B-S1,d0 and B-S2,d0 classification pursuant to standard UNE-EN 13501-1:2007+A1:2010. CFC-free.

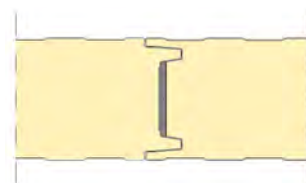
PRODUCT CHARACTERISTICS

PANEL SECTION

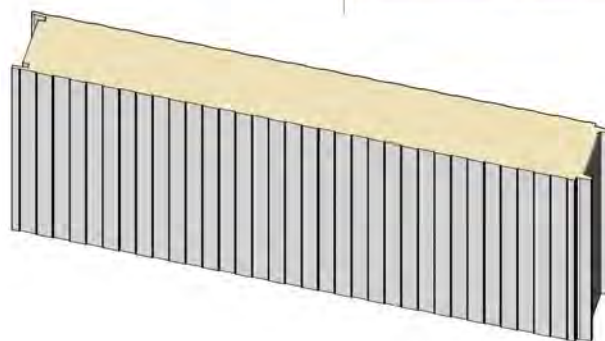


PANEL JOINT

Visible fixing



3D COMPOSITION



THICKNESS (mm)	WEIGHT (kg/m ²)	THERMAL TRANSMITTANCE U (W/m ² K)		SPANS L (m)					SPANS L (m)				
		U with JOINT FACTOR	U without JOINT FACTOR	OVERLOAD P (daN/m ²)					OVERLOAD P (daN/m ²)				
				60	80	100	120	150	60	80	100	120	150
60	9,28	0,42	0,35	3,49	3,19	2,97	2,73	2,46	3,07	2,81	2,62	2,47	2,29
80	10,16	0,31	0,27	4,19	3,79	3,43	3,15	2,84	3,69	3,38	3,15	2,97	2,74
100	11,04	0,25	0,21	4,80	4,23	3,83	3,52	3,18	4,26	3,90	3,63	3,39	3,06
120	11,92	0,21	0,18	5,24	4,63	4,19	3,85	3,48	4,81	4,37	4,04	3,71	3,34
150	13,25	0,17	0,14	5,83	5,15	4,67	4,30	3,89	5,49	4,97	4,50	4,14	3,73
180	14,57	0,14	0,12	6,35	5,62	5,10	4,70	4,25	6,12	5,41	4,90	4,52	4,08
200	15,45	0,12	0,11	6,66	5,91	5,36	4,95	4,48	6,42	5,69	5,16	4,75	4,29
	0,50+0,50	U with JOINT FACTOR	U without JOINT FACTOR	OVERLOAD P (daN/m ²)					OVERLOAD P (daN/m ²)				
				60	80	100	120	150	60	80	100	120	150
60	11,21	0,42	0,35	4,34	3,97	3,70	3,49	3,25	3,52	3,23	3,01	2,84	2,64
80	12,09	0,31	0,27	5,21	4,77	4,45	4,19	3,89	4,23	3,88	3,62	3,42	3,18
100	12,98	0,25	0,21	5,99	5,50	5,12	4,83	4,48	4,87	4,47	4,18	3,94	3,66
120	13,86	0,21	0,18	6,72	6,16	5,75	5,42	5,03	5,47	5,02	4,69	4,42	4,11
150	15,18	0,17	0,14	7,72	7,09	6,61	6,23	5,78	6,29	5,78	5,40	5,09	4,73
180	16,50	0,14	0,12	8,64	7,94	7,40	6,98	6,47	7,05	6,48	6,05	5,71	5,31
200	17,38	0,12	0,11	9,22	8,47	7,90	7,45	6,91	7,52	6,92	6,46	6,10	5,67

