



GENERAL DESCRIPTION

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

They are designed for the construction of industrial and commercial building facades, and partitions in general.

The recommended maximum length for this product is 18.500 mm, with a useful width of 1.000 mm.

PRODUCT CERTIFICATIONS

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

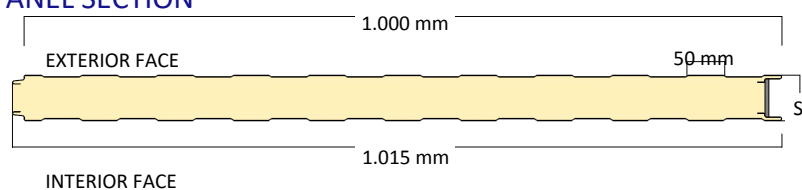
BENEFITS

Thanks to its design, this panel is highly versatile, as it can be put in place as a facade wall, partition wall or false ceiling panel.

REACTION TO FIRE

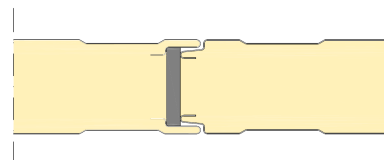
F, C-s2,d0 and B-s1,d0 classification pursuant to standard UNE-EN 13501-1:2007+A1:2010. CFC-free.

PANEL SECTION

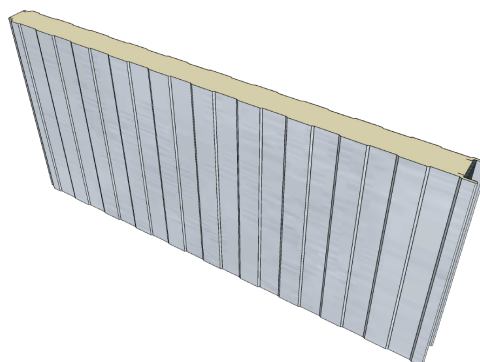


PANEL JOINT

Hidden fastening



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)				
		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
30	6,39	-	0,67	2,41	2,16	1,94	1,78	1,60	1,96	1,79	1,67	1,57	1,44
40	6,79	-	0,52	2,84	2,49	2,25	2,06	1,85	2,36	2,15	2,00	1,84	1,66
50	7,20	0,54	0,42	3,18	2,79	2,51	2,31	2,08	2,72	2,48	2,25	2,06	1,85
60	7,60	0,43	0,35	3,47	3,05	2,75	2,53	2,27	3,05	2,72	2,46	2,25	2,03
80	8,40	0,32	0,27	4,00	3,51	3,17	2,92	2,63	3,57	3,13	2,83	2,60	2,34
100	9,21	0,25	0,21	4,45	3,92	3,54	3,26	2,94	3,97	3,49	3,15	2,90	2,61
	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
30	8,73	-	0,67	2,75	2,52	2,35	2,21	2,06	2,23	2,04	1,91	1,80	1,67
40	9,13	-	0,52	3,30	3,02	2,82	2,66	2,47	2,68	2,46	2,29	2,16	2,01
50	9,54	0,54	0,42	3,81	3,49	3,25	3,06	2,85	3,09	2,83	2,64	2,49	2,32
60	9,94	0,43	0,35	4,28	3,92	3,65	3,44	3,20	3,47	3,18	2,97	2,80	2,60
80	10,74	0,32	0,27	5,13	4,70	4,38	4,13	3,84	4,17	3,83	3,57	3,37	3,13
100	11,55	0,25	0,21	5,91	5,42	5,05	4,76	4,41	4,81	4,41	4,11	3,88	3,61