



Tongue and groove Facade Sandwich Panel

Panel Description

The self-supporting panels with tongue and groove façade with visible screws are made up of a sheet of steel on each side and a core of rigid polyisocyanurate foam (B-s2-d0 or B-s1-d0). These panels have been specially designed for the construction of facades of industrial and commercial buildings and divisions in general.

The maximum recommended length for this product is 18,500 mm. with a useful width of 1,000 mm.

Classification against fire

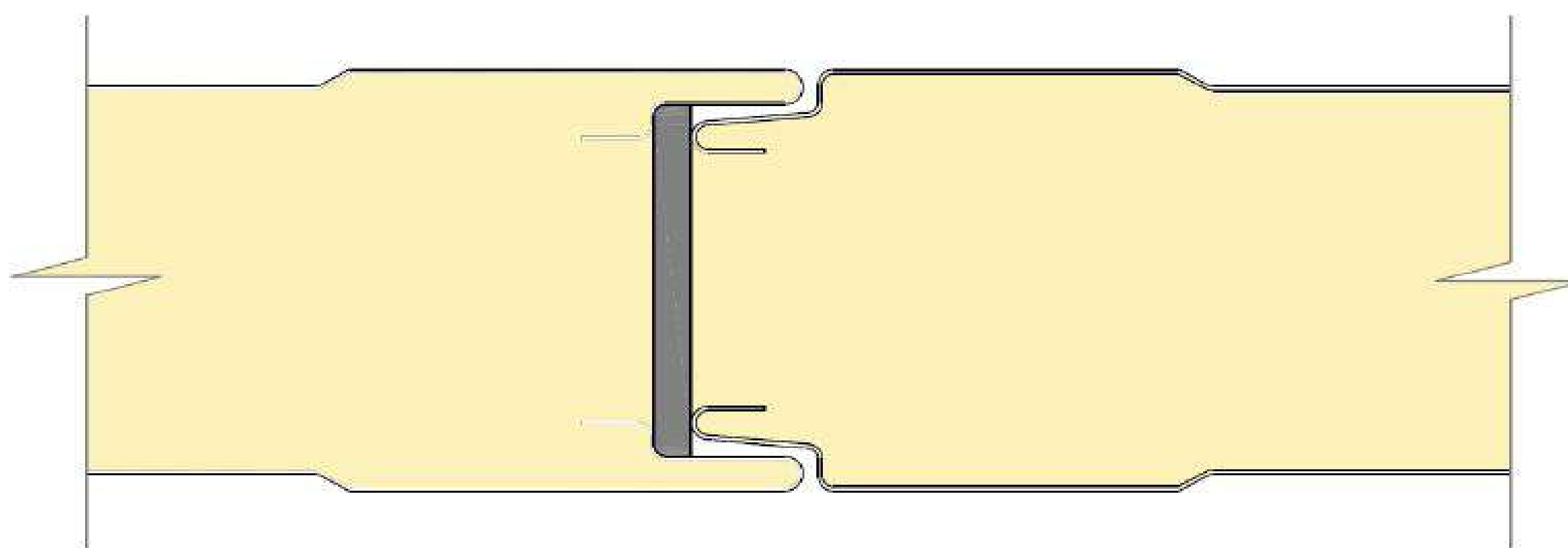
Depending on the type of foam chosen, the panel will have a reaction to fire classification:

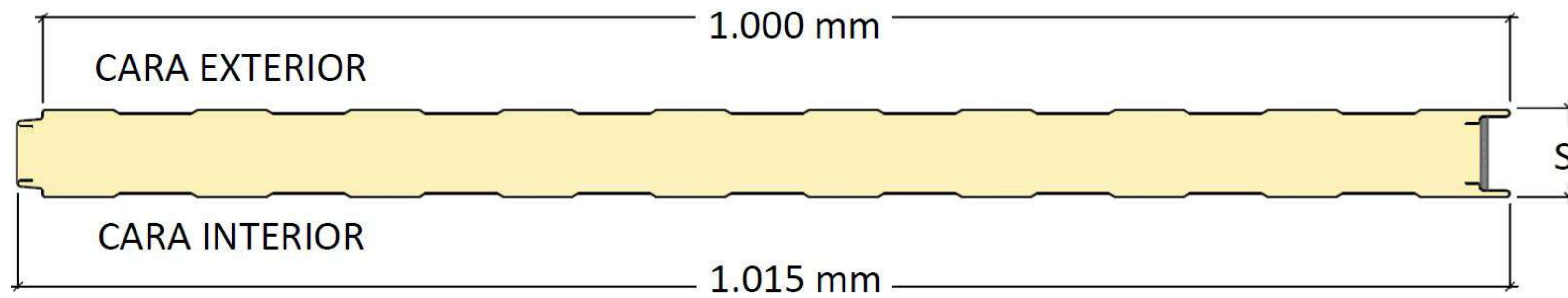
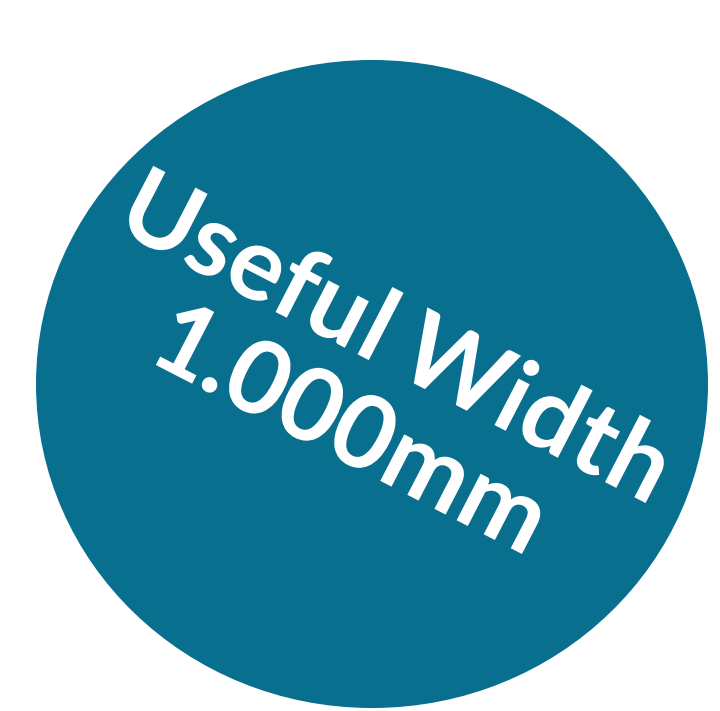
- PIR-E foam: B-s2-d0
- PIR foam: B-s1-d0

Main Advantage

Thanks to its design, it is a panel that is easy to assemble and manipulate. It is also characterized by its versatility that allows it to be placed as a facade enclosure, sectorization and false ceiling

Panel Board





Technical specifications of the product

PANEL SANDWICH FACHADA

ESPESOR (mm)	PESO (kg/m ²) 0,4+0,4 (mm)	TRANSMITANCIA U (W/m ² k)	LUZ ADMISIBLE L(m)					LUZ ADMISIBLE L(m)				
			SOBRECARGA P (daN/m ²)					SOBRECARGA P (daN/m ²)				
			60	80	100	120	150	60	80	100	120	150
30	6,39		2,41	2,16	1,94	1,78	1,60	1,96	1,79	1,67	1,57	1,44
40	6,79		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	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	3,47	2,05	2,75	2,53	2,27	3,05	2,72	2,46	2,25	2,03
80	8,40	0,32	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	5,41	4,77	4,31	3,96	3,57	4,41	4,04	3,76	3,53	3,18

ESPESOR (mm)	PESO (kg/m ²) 0,5+0,5 (mm)	TRANSMITANCIA U (W/m ² k)	SOBRECARGA P (daN/m ²)					SOBRECARGA P (daN/m ²)				
			60	80	100	120	150	60	80	100	120	150
30	8,73		2,75	2,52	2,35	2,21	2,06	2,23	2,04	1,91	1,80	1,67
40	9,13		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	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	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	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	5,91	5,42	5,05	4,76	4,41	4,81	4,41	4,11	3,88	3,61

Visual panel detail

