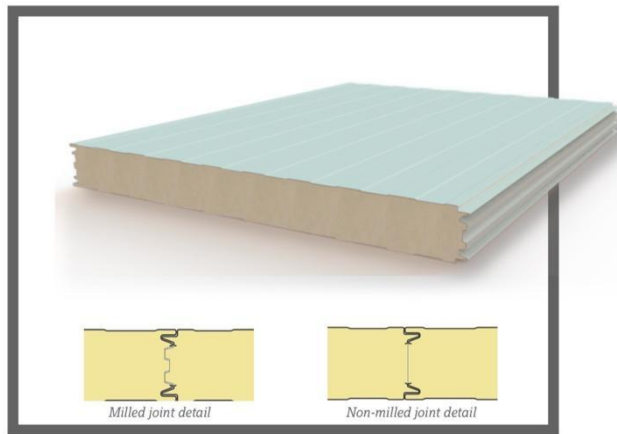




Refrigeration



Panels are composed by two external steel sheets, and a rigid injected foam between them. It is manufactured in a continuous process using the latest machinery.



Food Safe



Thickness from
60mm to 200mm



APPROVED

Steel Sheets

The other faces, together with the insulating core, offer high insulation, since both faces are adhered to the core and separated on both sides of the panel, breaking the thermal bridge between the steel sheets.

Insulating Core

There are different types of insulating core according to customer requirements, “PUR”, “ePIR” and “PIR Stop Fire S1”, with a density of 40 Kg/m³.

Characteristics of the Panel

Panel Thickness (mm)	60	80	100	120	150	180	200
Panel length (mm)							
Panel width (mm)							
Core density							
Thermal conductivity coefficient							
Thermal transmission coefficient	0,36 0,35	0,28 0,26	0,22 0,21	0,19 0,18	0,15 0,14	0,13 0,12	0,11 0,11
Thermal resistance R Factor	R14,76 R15,74	R19,69 R21,01	R24,63 R26,28	R29,50 R31,48	R36,94 R39,42	R44,31 R47,29	R49,19 R52,5

Characteristics of the Panel

Panel Thickness (mm)	60	80	100	120	150	180	200
Units per pack (standard)	12	9	7	6	5	4	4
Linear meter weight	12±2	12,8±2	13,7±2	14,5±2	15,7±2	16,9±2	17,7±2
Steel thickness							
SBI Fire Classification (MP PUR B3)				F			
SBI Fire Classification (MP ePIR)				Bs2d0			
SBI Fire Classification (PIRM) PIR STOP FIRE				Bs1d0			
Standard FM	-	4880	4880	4880	4880	4880	4880

Maximum Load Tables

DISTANCE BETWEEN SUPPORTS (m)
HYPOTHESIS PRESSURE LOAD: Sheet thickness 0.4/0.5 mm

Panel Thickness (mm)	1,5m		2m		2,5m		3m		3,5m		4m		5m	
	0,4	0,5	0,4	0,5	0,4	0,5	0,4	0,5	0,4	0,5	0,4	0,5	0,4	0,5
60	416	545	319	304	228	274	180	188	148	158	110	118	68	74
80	549	628	366	413	279	355	217	249	200	223	142	153	93	99
100	617	746	400	424	298	370	293	370	224	243	196	209	102	107
120	632	765	432	451	351	446	305	413	266	279	217	225	111	117
150	761	794	442	483	401	472	357	449	290	312	251	270	126	130
180	782	824	454	521	436	493	379	465	329	347	281	308	142	147
200	801	828	464	547	454	501	399	471	354	383	323	344	165	172

DISTANCE BETWEEN SUPPORTS (m)
 HYPOTHESIS SUCTION LOAD: Sheet thickness 0.4/0.5 mm

Panel Thickness (mm)	1,5m		2m		2,5m		3m		3,5m		4m		5m	
	0,4	0,5	0,4	0,5	0,4	0,5	0,4	0,5	0,4	0,5	0,4	0,5	0,4	0,5
60	433	565	334	350	243	277	195	224	162	172	124	135	109	113
80	609	652	412	426	304	372	280	298	232	240	189	197	128	132
100	642	772	451	477	332	385	314	328	247	263	124	222	158	165
120	702	784	484	503	386	452	385	402	295	311	258	264	194	207
150	825	859	494	511	443	461	418	459	336	352	295	301	221	235
180	876	891	499	519	469	481	442	479	359	367	314	320	227	239
200	907	913	515	523	477	495	452	490	383	398	344	358	239	246

Max. Length Recommendation for Assembly Vertical Position

