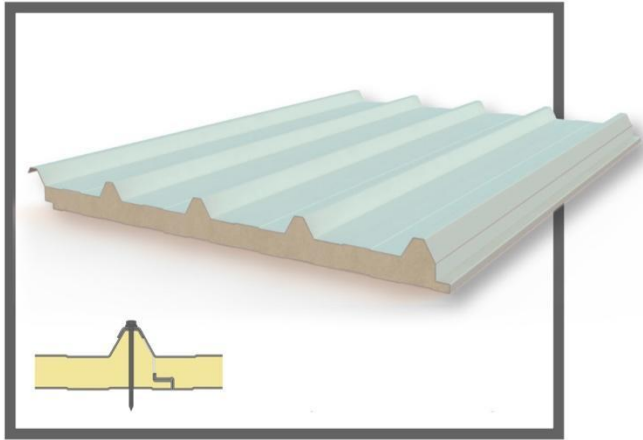




Roof Panels



These panels are composed of two steel sheets and polyurethane foam injection between the two sheets in a continuous manufacturing process.



Wide colour range



Great energy saving



Fast and easy assembly

Metallic Sheets

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

Core

There are different type of insulating core according to customer requirements, “PUR”, “PIR”, with a density of 40Kg/m³.

Panel Specifications

Panel Thickness (mm)	30	35	40	45	50	60	80
Panel length (mm)							
Panel width (mm)							

Core density							
Thermal conductivity coefficient							
Thermal transmission coefficient	0,56 0,54	0,61 0,58	0,46 0,40	0,48 0,46	0,38 0,37	0,33 0,32	0,26 0,25
Thermal resistance R Factor	R7,90 R8,26	R9,14 R9,55	R10,37 R10,84	R11,66 R12,13	R14,76 R15,74	R15,31 R16,00	R20,24 R21,16
Units per pack	14	14	12	12	10	8	6
Linear meter weight	10,4	10,4	10,8	18,8	11,2	11,6	12,4
Steel thickness 0,5mm ± (0,1mm)	+2	+2	+2	+2	+2	+2	+2

Panel Specifications

Panel Thickness (mm)	30	40	50	60	80
External fire behavior			B roof (t1)		
SBI Fire Classification (MP PUR B3)			F		
SBI Fire Classification (MP PUR B2)			Bs3d0		
SBI Fire Classification (MP ePIR)			Bs2d0		

Maximum Load Table

HYPOTHESIS PRESSURE LOAD: Sheet thickness 0.4mm

Panel Thickness (mm)	1,5m	2m	2,5m	3m	3,5m	4m	5m
30	279	218	161	119	84	58	24
40	328	247	192	150	107	76	33
50	370	286	229	190	152	118	82
60	430	322	248	199	156	121	93
80	491	397	334	282	234	194	127

HYPOTHESIS SUCTION LOAD: Sheet thickness 0.4mm

Panel Thickness (mm)	1,5m	2m	2,5m	3m	3,5m	4m	5m
30	307	240	177	131	92	64	26
40	361	272	211	175	118	84	36

50	407	315	252	227	167	130	90
60	473	354	273	240	172	133	102
80	540	437	367	338	257	213	140

Maximum Load Table

HYPOTHESIS PRESSURE LOAD: Sheet thickness 0.5mm

Panel Thickness (mm)	1,5m	2m	2,5m	3m	3,5m	4m	5m
30	303	225	162	119	81	56	35
40	357	268	206	159	117	83	44
50	402	311	245	206	165	139	91
60	452	350	267	218	175	140	108
80	521	431	363	307	254	211	163

HYPOTHESIS SUCTION LOAD: Sheet thickness 0.5mm

Panel Thickness (mm)	1,5m	2m	2,5m	3m	3,5m	4m	5m
30	330	248	178	131	89	62	39
40	393	295	227	175	129	91	48
50	442	342	270	227	182	153	100
60	497	385	294	240	193	154	119
80	573	474	399	338	279	232	179