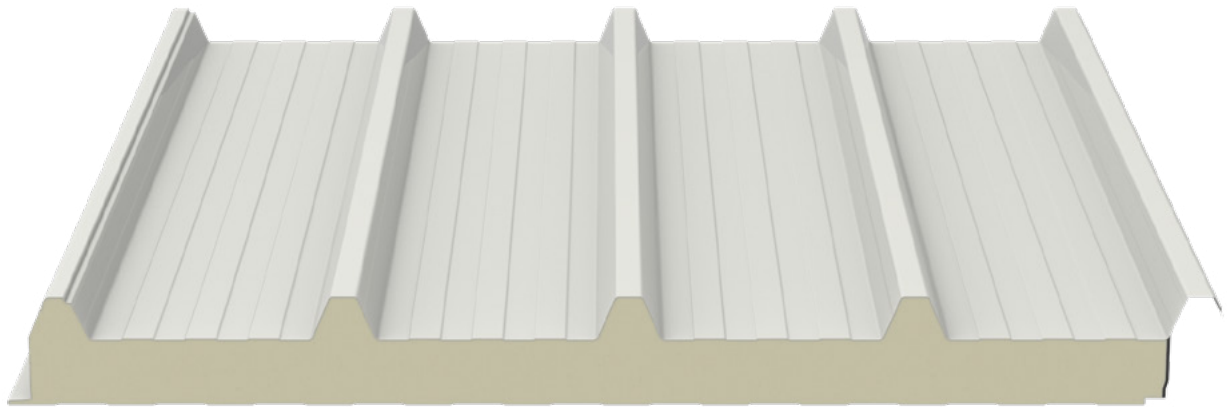
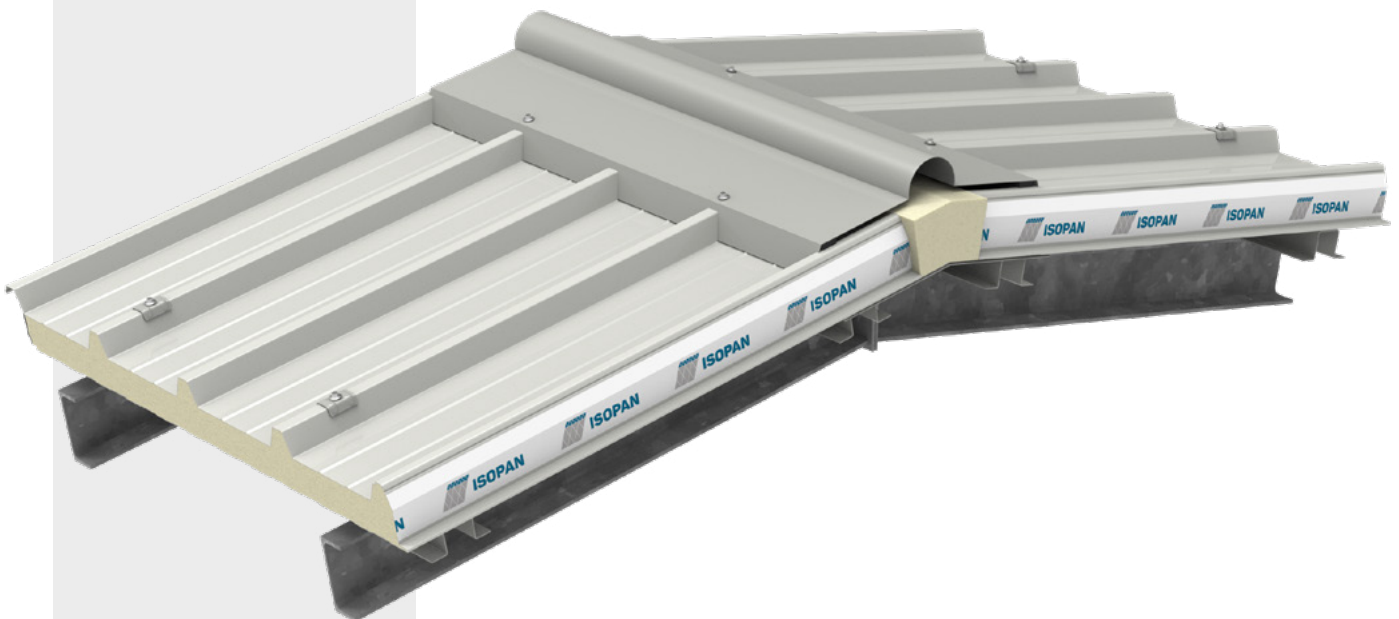


Isocop



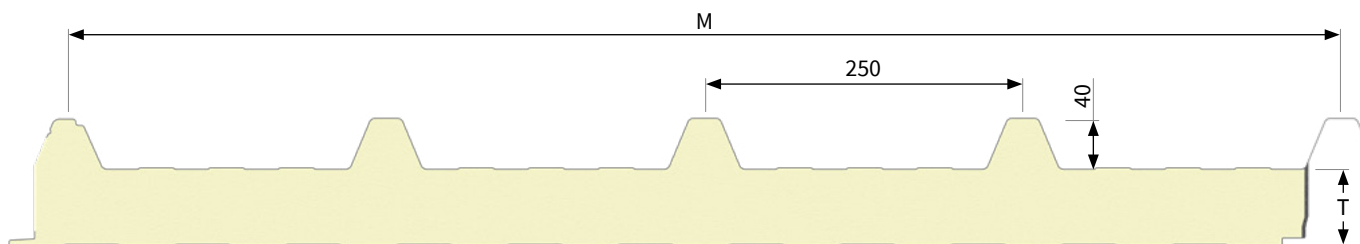
Product Description

- Sandwich panel for roofs with a minimum slope of 7%.
- 5-rib corrugated profile, H 40 mm
- Double metal facing in pre-painted sheet metal
- Polyurethane foam insulation

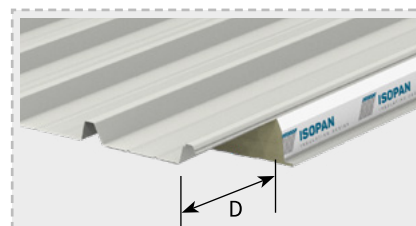
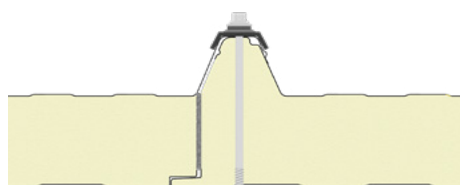




Isocop
 Isopan SpA - Trevenzuolo (VR) - Patrica (FR) - Italy
 Isopan Iberica - Spain | Isopan Est - Romania



Detail of modular interlocking



Overlapping

D= 50; 100; 150; 200 mm / on request
 Other sizes on request

Useful width - "M"

1000 mm

Available length

On request

Insulation

Polyurethane foam (PU)
 Polyisocyanurate foam (PIR)
 Nominal density 40 kg/m³



Available with LEAF insulation

Metal sheets

External metal sheet: Pre-painted sheet
 Internal metal sheet: Pre-painted sheet

Fire Performance

Any fire performance must be specifically requested when ordering. For more technical information, please contact Isopan.

Reaction to fire (EN 13501-1)

Up to B-s1,d0 (PIR, LEAF)

Fire resistance (EN 13501-2)

REI 30 - PIR 80mm
 REI 15 - PIR 60mm

Fire resistance from external exposure (EN 13501-5)

Broof: T1, T2, T3 - PIR
 Broof: T3 - PU

FM Approved

On request, available with FM Approved certification



BREEAM®

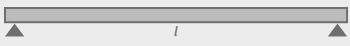


CE

Capacity tables

Steel sheets
Sheet thickness
0,4 mm - External
0,4 mm - Internal

Support width 120mm

UNIFORMLY DISTRIBUTED LOAD [kg/m ²]								
	NOMINAL SHEET THICKNESS [mm]							
	30	40	50	60	80	100	120	150
	Maximum Span "l" [cm]							
80	270	290	310	340	390	440	470	500
100	250	260	280	300	350	390	440	480
120	230	245	260	280	320	360	400	460
140	210	230	255	260	290	330	370	420
160	200	220	230	255	285	310	340	390
180	185	215	220	230	270	290	320	370
200	160	200	210	220	260	270	300	340
220	140	190	200	210	230	260	280	320
250	115	170	190	200	220	240	260	300

Capacity tables

Steel sheets
Sheet thickness
0,5 mm - External
0,5 mm - Internal

Support width 120mm

UNIFORMLY DISTRIBUTED LOAD [kg/m ²]								
	NOMINAL SHEET THICKNESS [mm]							
	30	40	50	60	80	100	120	150
	Maximum Span "l" [cm]							
80	320	350	390	420	500	570	630	730
100	295	320	360	390	450	510	580	670
120	270	300	330	360	420	480	540	620
140	235	280	315	340	390	450	500	580
160	210	260	300	320	370	420	480	550
180	185	235	280	300	355	400	450	520
200	170	210	250	290	330	380	430	500
220	150	190	230	270	320	360	410	470
250	130	170	205	240	300	340	385	445

Technical specifications Available thickness 'T'

Thermal Transmittance 'U'
according to EN 14509 - A.10.
The weight considers panels with
steel sheets, nominal thickness
indicated in the table.

Thermal Transmittance LEAF

T [mm]	Thermal Transmittance - U			Weight - [Kg/m ²]		
	[W/m ² K]	[kcal/m ² h °C]		0,4 mm	0,5 mm	0,6 mm
30	0,71	0,61		8,3	10,1	11,9
40	0,54	0,47		8,7	10,5	12,2
50	0,44	0,38		9,1	10,9	12,7
60	0,37	0,31	0,32	9,2	11,4	13,1
80	0,28	0,23	0,24	10,4	12,1	13,9
100	0,22	0,18	0,19	11,1	12,9	14,7
120	0,19	0,15	0,16	11,9	13,7	15,5
150	0,15	0,13	0,13	13,1	14,9	16,7

Instructions for use and dimensional tolerances

consult the Technical Manual, General Sales Conditions and Annexes available on the website.