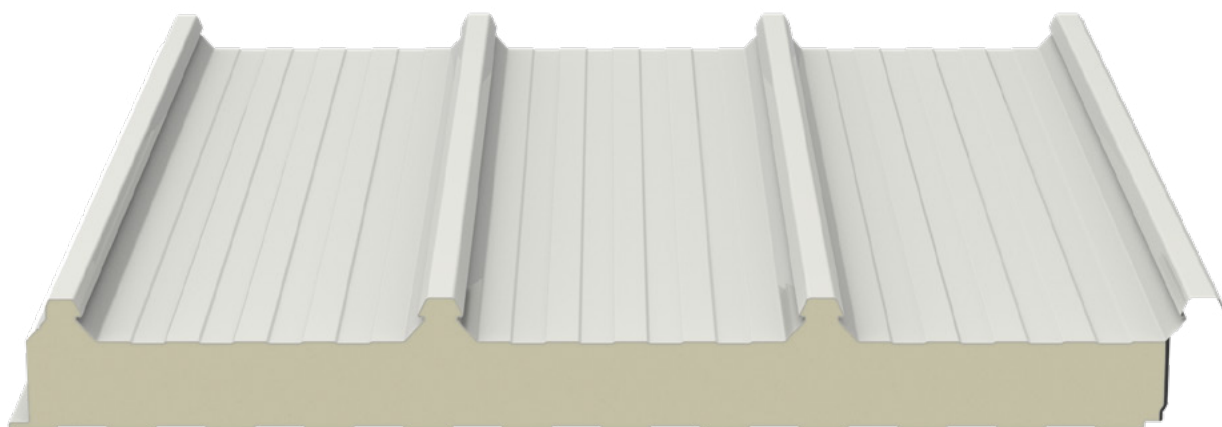
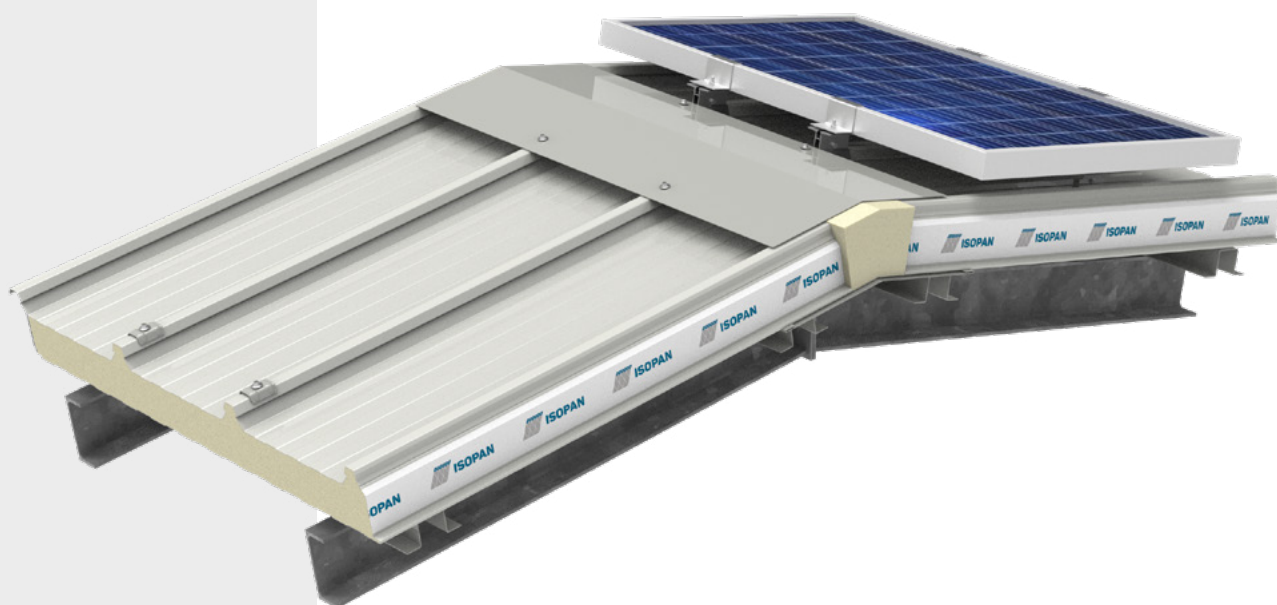


Isocop Multifunction



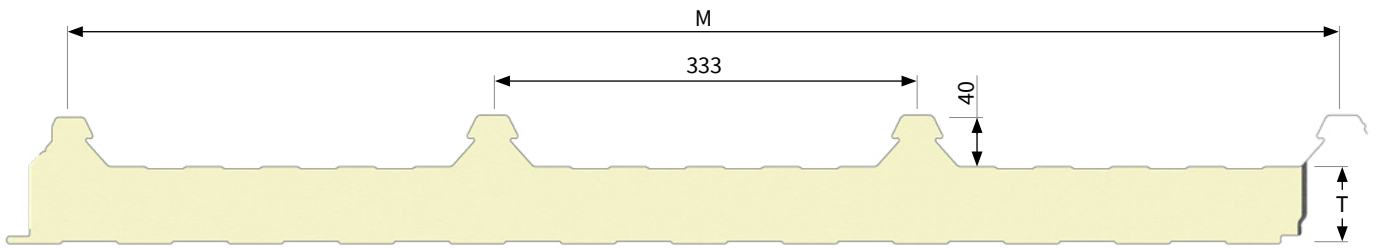
Product Description

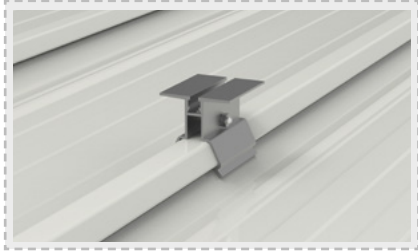
- Sandwich panel for roofs with a minimum slope of 7%.
- Corrugated profile
- Double metal facing in pre-painted sheet metal
- Polyurethane foam insulation
- Compatible with anchoring systems for photovoltaic systems





Isocop Multifunction



Useful width - "M"	1000 mm		
Multifunction Bracket	Recommended for the installation of photovoltaic modules on roofs with a slope not exceeding 15%		
Available length	On request		
Insulation	Polyurethane foam (PU), Polyisocyanurate foam (PIR) Nominal density 40 kg/m ³		
Facing materials	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 RE 45* - PIR 120mm *with assembly instructions	Broof BROOF T1 T2 T3 - PIR BROOF T3 - PU
	  		

Capacity tables

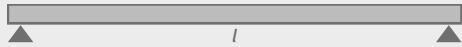
Steel sheets

Sheet thickness

0,5 mm - External

0,5 mm - Internal

Support width 120mm

UNIFORMLY DISTRIBUTED LOAD [kg/m²]	 NOMINAL SHEET THICKNESS [mm]						
	30	40	50	60	80	100	120
	Maximum Span "l" [cm]						
80	295	330	370	400	470	530	590
100	260	305	330	370	430	490	540
120	220	275	300	330	395	435	490
140	195	250	270	295	350	410	460
160	170	220	250	270	320	380	420
180	150	200	230	245	285	340	400
200	140	180	210	225	260	310	360
220	125	165	200	210	240	280	330
250	110	145	180	195	215	250	280

Capacity tables

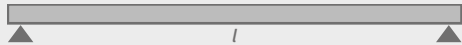
Steel sheets

Sheet thickness

0,6 mm - External

0,5 mm - Internal

Support width 120mm

UNIFORMLY DISTRIBUTED LOAD [kg/m²]	 NOMINAL SHEET THICKNESS [mm]						
	30	40	50	60	80	100	120
	Maximum Span "l" [cm]						
80	310	340	390	420	490	550	610
100	260	315	350	380	440	500	550
120	220	290	330	355	400	450	500
140	195	250	295	320	380	420	460
160	170	220	270	290	340	390	430
180	155	200	245	265	310	360	400
200	135	180	225	250	285	330	380
220	125	175	200	230	265	305	350
250	115	150	180	210	235	270	310

Technical specifications

Available thickness 'T'

Thermal insulation 'U' according to EN 14509 - A.10.

The weight considers panels with steel sheets, nominal thickness indicated in the table.

T [mm]	Thermal Insulation - U		[Kg/m²]		
	[W/m²K]	[kcal/m² 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	0,32	9,2	11,4	13,1
80	0,28	0,24	10,4	12,1	13,9
100	0,22	0,19	11,1	12,9	14,7
120	0,19	0,16	11,9	13,7	15,5
150	0,15	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.