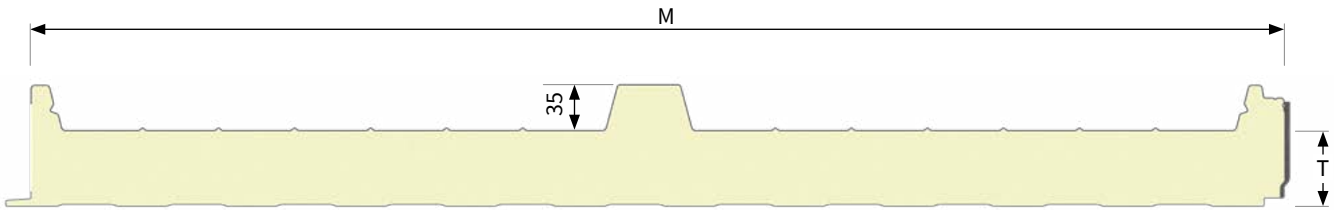


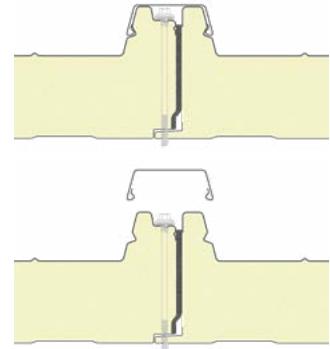
Isotap



Product Description

- Sandwich panel for roofs with a minimum slope of 7%.
- Corrugated profile H 36mm
- Double metal facing in pre-painted sheet metal
- Polyurethane foam insulation

Detail of modular interlocking



Useful width - "M"

1000 mm

Available length

On request

Insulation

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

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.

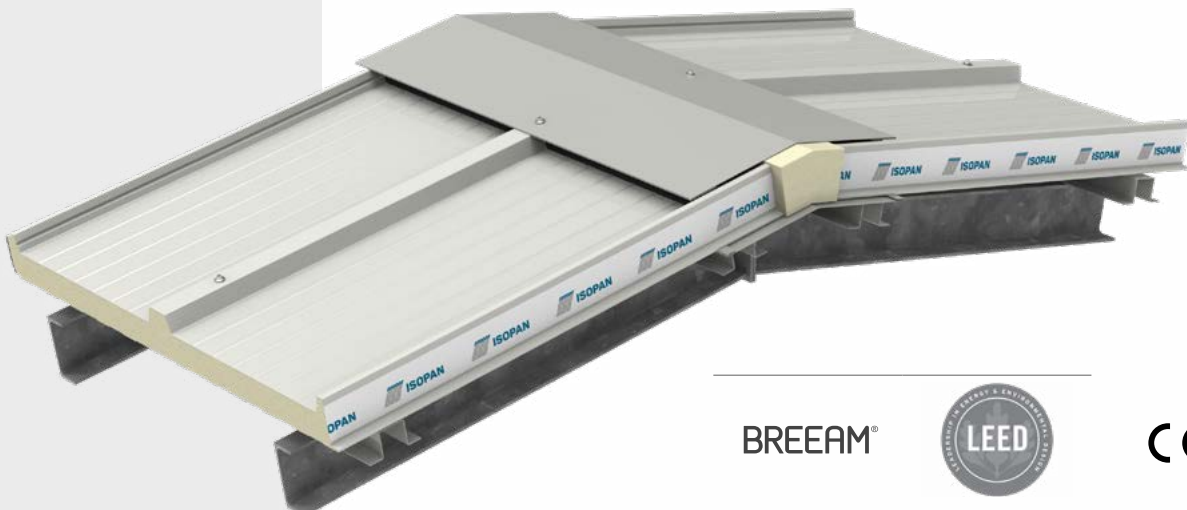
Reaction to fire (EN 13501-1)

Up to B-s1,d0 (PIR)

Fire resistance from external exposure (EN 13501-5)

Roof: T1, T2, T3 - PIR

Roof: T2 - PU

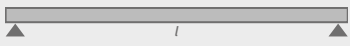



BREEAM®

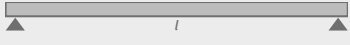


CE

<p>Capacity tables</p> <p>Steel sheets</p> <p>Sheet thickness</p> <p>0,4 mm - External</p> <p>0,4 mm - Internal</p> <p>Support width 120mm</p>
<p>Capacity tables</p> <p>Steel sheets</p> <p>Sheet thickness</p> <p>0,5 mm - External</p> <p>0,5 mm - Internal</p> <p>Support width 120mm</p>
<p>Capacity tables</p> <p>Steel sheets</p> <p>Sheet thickness</p> <p>0,6 mm - External</p> <p>0,6 mm - Internal</p> <p>Support width 120mm</p> <p>Calculation for static dimensioning carried out according to the contents of Annex E of EN standard 14509. Deflection limit 1/200 ℓ. The values shown in the capacity tables do not take into account the thermal load.</p>
<p>Technical specifications</p> <p>Available thickness 'T'</p> <p>Thermal Transmittance 'U' according to EN 14509 - A.10. The weight considers panels with steel sheets, nominal thickness indicated in the table.</p>
<p>Instructions for use and dimensional tolerances</p>

UNIFORMLY DISTRIBUTED LOAD [kg/m ²]	 NOMINAL SHEET THICKNESS [mm]				
	30	40	50	60	80
		Maximum Span "l" [cm]			
80	250	285	315	350	405
120	210	240	265	295	350
150	175	210	240	265	315
200	135	165	195	220	265
250	110	140	165	195	230

UNIFORMLY DISTRIBUTED LOAD [kg/m ²]	 NOMINAL SHEET THICKNESS [mm]						
	30	40	50	60	80	100	120
		Maximum Span "l" [cm]					
80	295	330	365	400	470	530	600
120	230	280	310	340	400	450	500
150	190	240	280	310	365	410	460
200	145	180	220	260	320	360	400
250	115	150	180	220	275	320	360

UNIFORMLY DISTRIBUTED LOAD [kg/m ²]	 NOMINAL SHEET THICKNESS [mm]						
	30	40	50	60	80	100	120
		Maximum Span "l" [cm]					
80	310	340	380	420	500	560	640
120	250	290	320	360	420	480	540
150	200	255	290	325	380	440	490
200	160	195	230	280	335	380	430
250	125	160	190	235	290	340	385

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	8,1	9,9	11,7
40	0,54	0,47	8,5	10,3	12,1
50	0,44	0,38	8,9	10,7	12,5
60	0,37	0,32	9,3	11,2	12,9
80	0,28	0,24	10,1	11,9	13,7
100	0,22	0,19	-	12,7	14,5
120	0,19	0,16	-	13,5	15,3

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