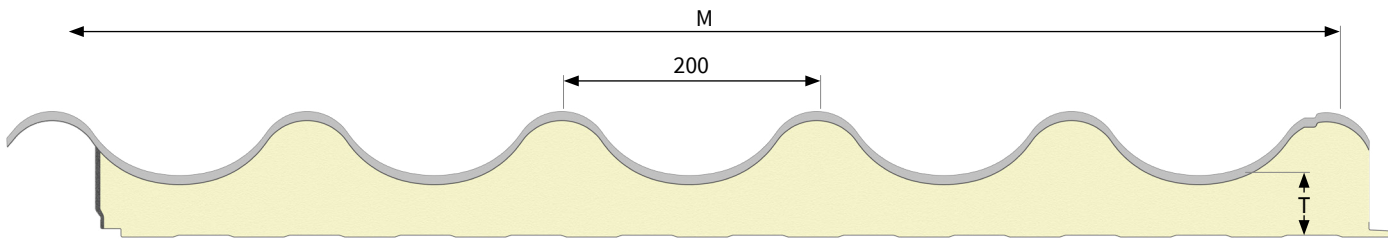
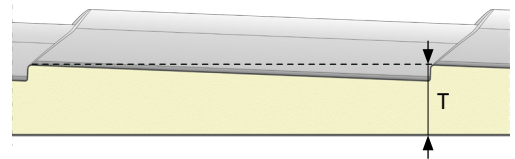


Isodomus



Product Description

- Sandwich panel for roofs with a minimum slope of 11%
- Pressed sheet metal with tile effect
- Double internal metal facing in pre-painted sheet metal
- Polyurethane foam insulation



Useful width - "M"

1000 mm

Available length [mm]

* to be evaluated based on the product configuration in the project

1050	1400	1750	2100	2450	2800	3150	3500	3850	4200	4550	4900
5250	5600	5950	6300	6650	7000	7350	7700	8050	8400	8750	9100
9450	9800	10150*	10500*	10850*	11200*	11550*	11900*	12250*	12600*	12950*	13300*

Insulation

ISODOMUS CLASSIC Schiuma poliuretantica (PU); Nominal density 40 kg/m³

Metal sheets

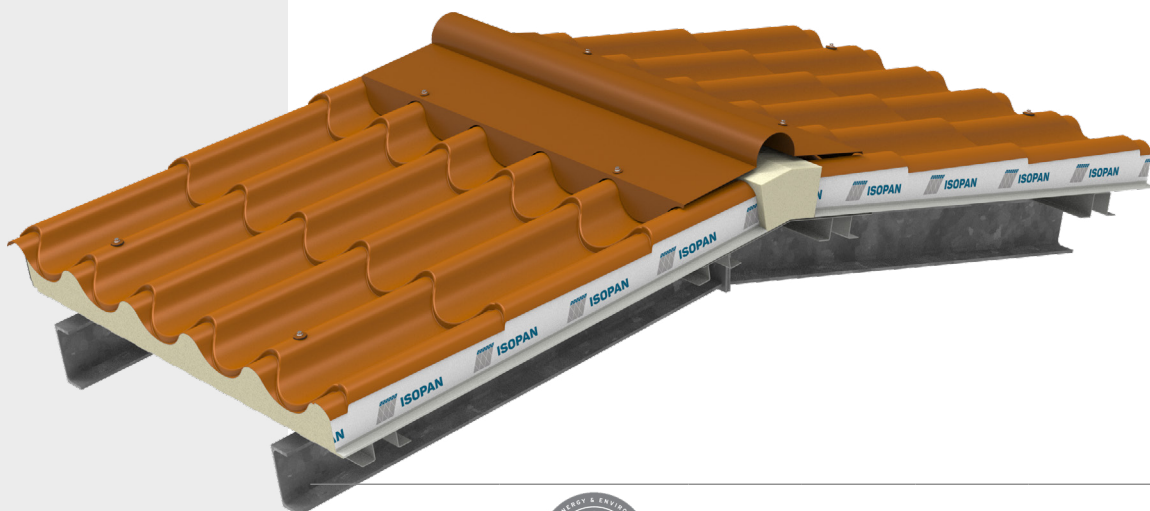
External metal sheet: Pre-painted sheet
Internal metal sheet: Pre-painted sheet

Fire Performance

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

Fire resistance from external exposure (EN 13501-5)

Broof: T3



BREEAM®



Capacity tables

Sheet thickness
0,5 mm - External
0,4 mm - Internal

Support width 120mm

SPAN BETWEEN SUPPORTS 'I'					
	NOMINAL SHEET THICKNESS [mm]				
[mm]	30	40	50	60	80
	UNIFORMLY DISTRIBUTED LOAD [kg/m ²]				
1050	320	415	440	500	580
1400	190	250	265	305	430
1750	115	175	190	230	320
2100	85	130	140	170	260
2450	60	105	120	145	170
2800*		80	90	110	140
3150*		54	60	75	90
3500*				60	70

Capacity tables

Sheet thickness
0,6 mm - External (aluminium)
0,4 mm - Internal

Support width 120mm

SPAN BETWEEN SUPPORTS 'I'					
	NOMINAL SHEET THICKNESS [mm]				
[mm]	30	40	50	60	80
	UNIFORMLY DISTRIBUTED LOAD [kg/m ²]				
1050	200	285	315	375	460
1400	120	210	235	285	355
1750	60	135	160	190	295
2100		100	115	140	200
2450		90	100	120	155
2800*		60	70	90	115
3150*			50	65	70
3500*					55

The indicated values, obtained from laboratory tests on panels not fastened to the supports, take into account an adequate safety factor, according to the regulations in force. The data in the tables are to be considered indicative. It is left to the designer to verify these according to specific applications. The values shown in the capacity tables do not take into account the thermal load.

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.

T [mm]	Thermal Transmittance - U		Weight - [Kg/m ²]
	[W/m ² K]	[kcal/m ² h °C]	0,5 mm
30	0,52	0,45	10,8
40	0,41	0,35	11,2
50	0,38	0,32	11,6
60	0,29	0,25	12,0
80	0,24	0,21	12,8

Instructions for use and dimensional tolerances

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