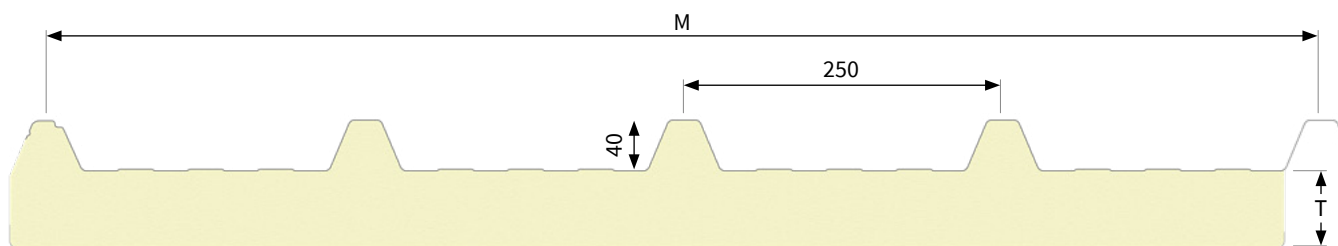


Isogrecata



Product Description

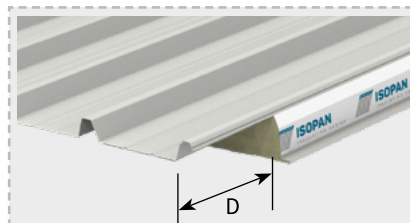
- Sandwich panel for roofs with a minimum slope of 7%.
- Corrugated profile H 40mm
- Single skin metal faced panel with single metal facing
- Interior facing in embossed centesimal aluminium
- Polyurethane foam insulation

Useful width - "M"

1000 mm

Available length

On request



Overlapping

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

Insulation

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

Facing materials

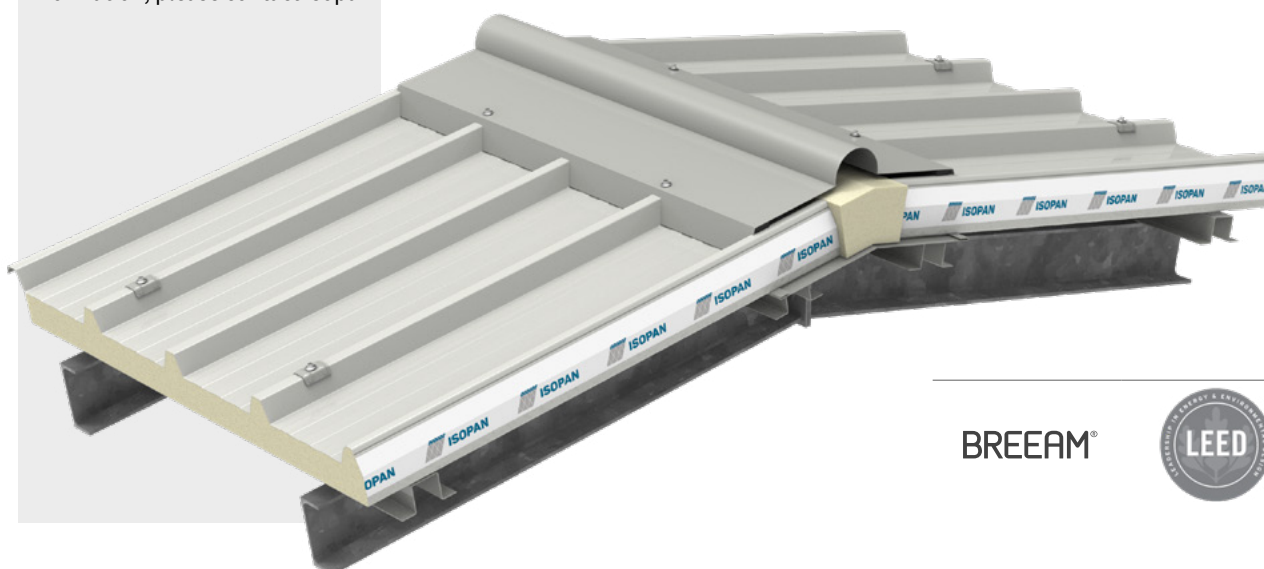
External facing: Pre-painted sheet
Internal facing: Embossed centesimal aluminium

Fire Performance

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

Broof

Broof T3



BREEAM®

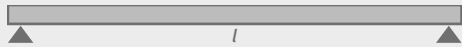


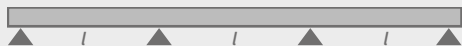
Capacity tables

Steel sheets

*Values with stress limitations.

Deflection limit 1/200 ℓ . The values shown in the capacity tables do not take into account the thermal load.

UNIFORMLY DISTRIBUTED LOAD [kg/m ²]					
	NOMINAL SHEET THICKNESS [mm]				
	0,5	0,6	0,7	0,8	1,0
	Maximum Span " ℓ " [cm]				
80	220*	235	250	265	285
100	200*	220*	235	245	265
120	180*	200*	215*	230	250
140	165*	185*	200*	215*	235
160	155*	170*	185*	200*	225

UNIFORMLY DISTRIBUTED LOAD [kg/m ²]					
	NOMINAL SHEET THICKNESS [mm]				
	0,5	0,6	0,7	0,8	1,0
	Maximum Span " ℓ " [cm]				
80	250*	270	285	295	320
100	200*	245*	260	275	295
120	200*	225*	240*	260	280
140	185*	205*	225*	240*	265
160	175*	195*	210*	225*	255

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/m ²]		
	[W/m ² K]	[kcal/m ² h °C]	0,6mm	0,7mm	0,8mm
30	0,71	0,61	7,4	8,5	9,3
40	0,54	0,47	7,7	8,8	9,8
50	0,44	0,38	8,2	9,2	10,2
60	0,37	0,32	8,6	9,6	10,6
80	0,28	0,24	9,4	10,4	11,4
100	0,22	0,19	10,2	11,2	12,2

Instructions for use and dimensional tolerances

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