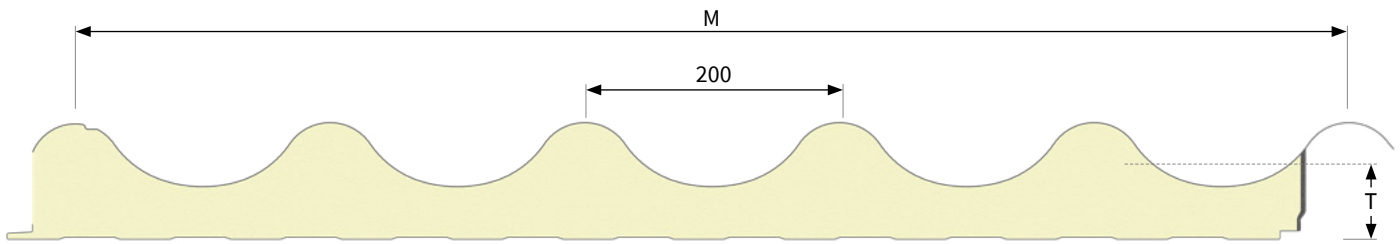
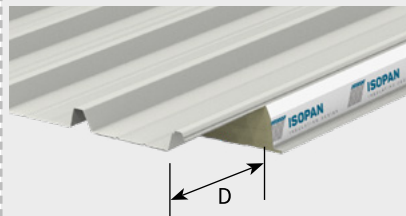


Isovela



Product Description	• Sandwich panel for roofs with a minimum slope of 7%. • Corrugated profile • Double internal metal facing in pre-painted sheet metal • Polyurethane foam insulation				
Useful width - “M”	1000 mm				
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	<table><tr><td>Reaction to fire (EN 13501-1; EN 13509) Up to B,s2-d0 (PIR)</td><td>Broof BROOF T1 T2 T3 - PIR</td></tr></table>			Reaction to fire (EN 13501-1; EN 13509) Up to B,s2-d0 (PIR)	Broof BROOF T1 T2 T3 - PIR
Reaction to fire (EN 13501-1; EN 13509) Up to B,s2-d0 (PIR)	Broof BROOF T1 T2 T3 - PIR				

Overlapping

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



BREEAM®



CE

Capacity tables

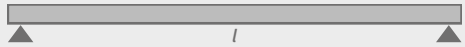
Steel sheets

Sheet thickness

0,5mm - External

0,5mm - Internal

Support width 120mm

UNIFORMLY DISTRIBUTED LOAD [kg/m ²]	 NOMINAL SHEET THICKNESS [mm]		
	60	70	80
	Maximum Span "l" [cm]		
80	420	445	470
100	380	410	445
120	360	385	415
140	335	365	390
160	320	345	370
180	300	325	350
200	290	310	335
220	270	300	320
250	240	275	300

Capacity tables

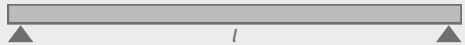
Steel sheets

Sheet thickness

0,6mm - External

0,5mm - Internal

Support width 120mm

UNIFORMLY DISTRIBUTED LOAD [kg/m ²]	 NOMINAL SHEET THICKNESS [mm]		
	60	70	80
	Maximum Span "l" [cm]		
80	430	470	500
100	400	430	460
120	370	400	430
140	350	380	400
160	330	355	380
180	315	340	360
200	290	320	345
220	270	310	330
250	240	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/m ²]		
	[W/m ² K]	[kcal/m ² h °C]	4/10	5/10	6/10
60	0,71	0,61	8,3	10,1	11,9
70	0,54	0,47	8,7	10,5	12,2
80	0,44	0,38	9,1	10,9	12,7

Instructions for use and dimensional tolerances

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