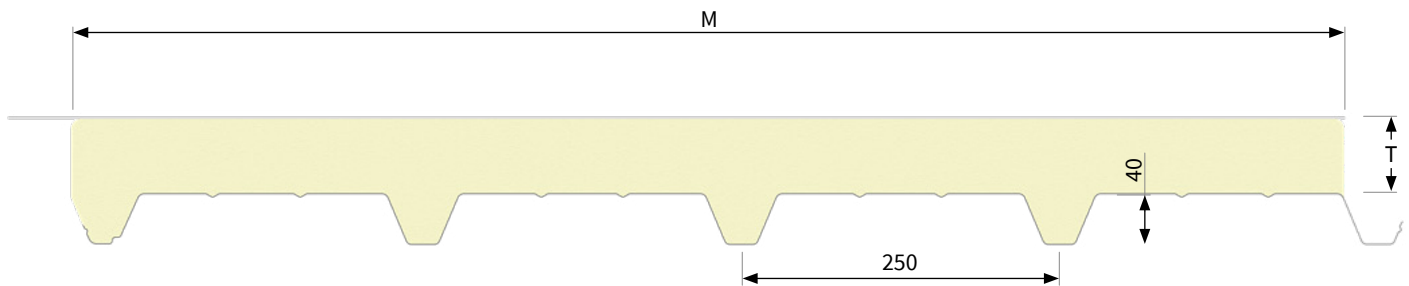
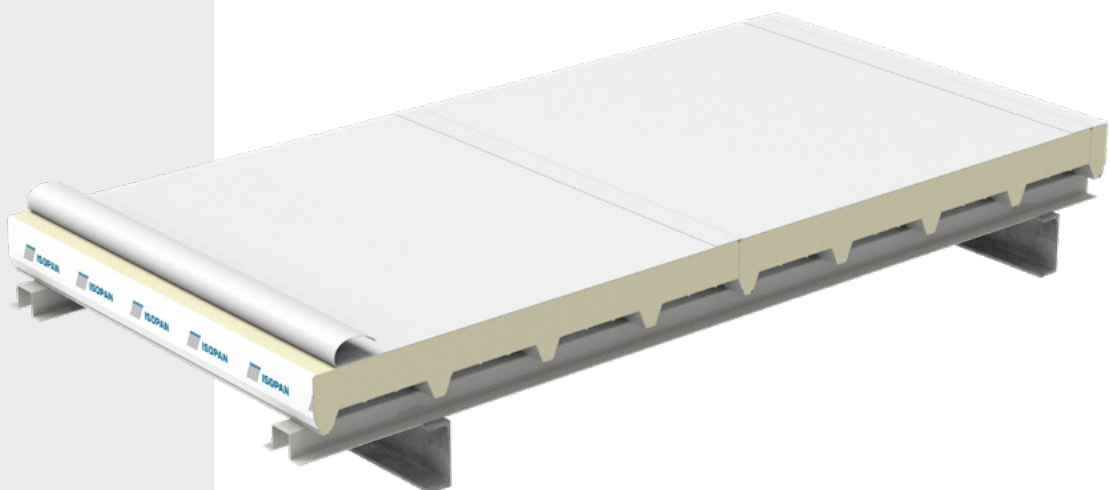


Isodeck Synth



Product Description	- Sandwich panel for flat and gently sloping roofs 5-rib corrugated internal profile, H 40 mm - Pre-painted sheet metal interior facing - External PVC or Polyolefin (TPO) synthetic membrane facing - Polyurethane foam insulation
Useful width - "M"	1000 mm
Available length	On request
Insulation	Polyurethane foam (PU) Nominal density 40 kg/m ³
Facing materials	External facing: Synthetic membrane Internal facing: Pre-painted sheet



BREEAM®

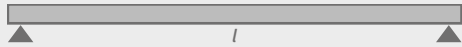


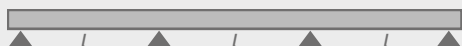
Capacity tables

Steel sheets

*Values with stress limitations.

Deflection limit $1/200 \ell$. 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	0,76	0,61	9,0	10,0	10,8
40	0,57	0,47	9,4	10,4	11,4
50	0,45	0,38	9,8	10,8	11,8
60	0,38	0,32	10,2	11,2	12,2
80	0,28	0,24	11,0	12,0	13,0
100	0,22	0,19	11,8	12,8	13,8

Instructions for use and dimensional tolerances

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