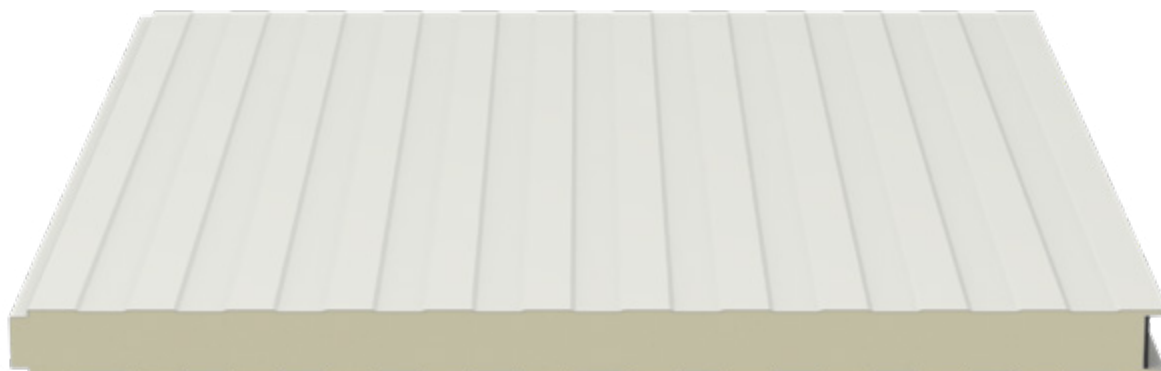




Product Description

- Sandwich panel for external and internal walls
- Double metal facing in pre-painted sheet metal
- Configurable aesthetic Surface finishes
- Polyurethane foam insulation

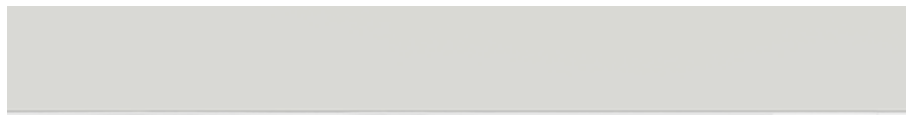


Surface finishes

Corrugated
(PLISSÉ / PLISSÉ D)



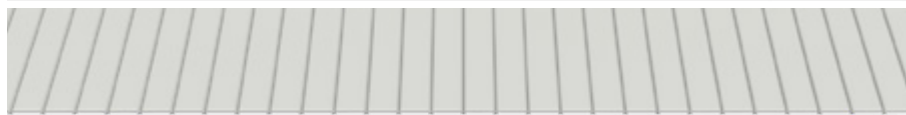
FLAT
to be evaluated based on the
product configuration in the
project



Lined
(BOX)



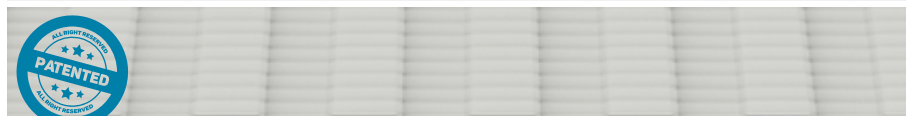
Micro-ribbed
(RIGHE)



DIAMOND



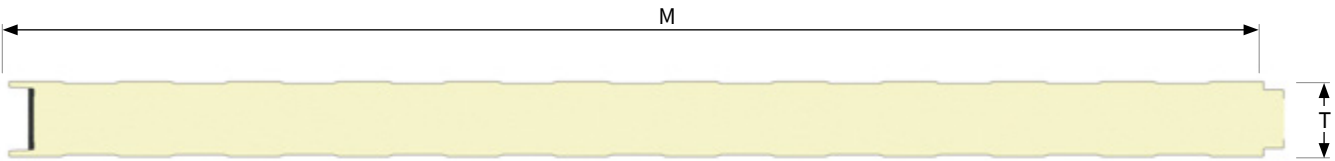
EMERALD



Graphic Guidelines

The surface finishes images shown in this catalog are rendered for illustrative purposes only and may not accurately reflect the actual proportions and characteristics of the product.





Useful width - “M”	1000 mm					
Available length	On request					
Insulation	Polyurethane foam (PU) Polyisocyanurate foam (PIR) Nominal density 40 kg/m³ Available with LEAF insulation 					
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. <table><tr><th>Reaction to fire (EN 13501-1)</th><th>Fire resistance (EN 13501-2)</th></tr><tr><td>Up to B-s1,d0 (PIR, LEAF)</td><td>EI 30* - PIR 100mm EI 20* - PIR 60mm EI 15* - PIR 60mm (false ceiling) *performance with non-standard installation modes</td></tr></table>		Reaction to fire (EN 13501-1)	Fire resistance (EN 13501-2)	Up to B-s1,d0 (PIR, LEAF)	EI 30* - PIR 100mm EI 20* - PIR 60mm EI 15* - PIR 60mm (false ceiling) *performance with non-standard installation modes
Reaction to fire (EN 13501-1)	Fire resistance (EN 13501-2)					
Up to B-s1,d0 (PIR, LEAF)	EI 30* - PIR 100mm EI 20* - PIR 60mm EI 15* - PIR 60mm (false ceiling) *performance with non-standard installation modes					
FM Approved	On request, available with FM Approved certification 					
  						

**Capacity tables**

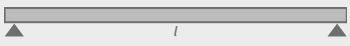
Steel sheets

Sheet thickness

0,5 mm - External

0,5 mm - Internal

Support width 120mm

UNIFORMLY DISTRIBUTED LOAD [kg/m²]	 NOMINAL SHEET THICKNESS [mm]							
	25	30	40	50	60	80	100	120
	Maximum Span "l" [cm]							
50	220	260	320	380	440	550	640	730
60	215	240	300	350	410	500	590	680
80	180	205	260	310	350	440	520	600
100	155	180	230	275	320	395	470	540
120	140	165	210	250	290	360	430	490
140	125	150	190	230	265	330	395	455
160	115	135	175	210	245	310	370	425
180	105	125	165	195	230	290	345	400
200	100	115	155	185	215	270	325	375

Capacity tables

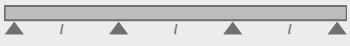
Steel sheets

Sheet thickness

0,5 mm - External

0,5 mm - Internal

Support width 120mm

UNIFORMLY DISTRIBUTED LOAD [kg/m²]	 NOMINAL SHEET THICKNESS [mm]							
	25	30	40	50	60	80	100	120
	Maximum Span "l" [cm]							
50	260	300	380	450	520	650	740	800
60	240	270	340	410	470	590	660	710
80	200	230	290	350	410	500	550	600
100	170	200	260	310	360	440	490	510
120	140	170	230	280	320	390	430	460
140	130	150	200	250	295	360	390	420
160	120	130	185	220	265	330	360	385
180	110	120	160	200	240	305	340	360
200	100	110	145	180	215	285	315	335

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.**Thermal Transmittance LEAF**

T [mm]	Thermal Transmittance - U			Weight - [Kg/m²]		
	[W/m²K]	[kcal/m² h °C]		0,4 mm	0,5 mm	0,6 mm
25	0,83	0,71		7,3	9,0	10,6
30	0,70	0,60		7,5	9,2	10,9
35	0,61	0,52		7,7	9,4	11,1
40	0,54	0,46		7,9	9,6	11,3
50	0,44	0,38		8,3	10,0	11,7
60	0,37	0,31	0,26	8,7	10,4	12,1
80	0,28	0,23	0,19	9,5	11,2	12,9
100	0,22	0,18	0,15	10,3	12,0	13,7
120	0,19	0,15	0,13	11,1	12,8	14,5

**Instructions for use and
dimensional tolerances**consult the Technical Manual, General Sales Conditions and Annexes available on the
website.