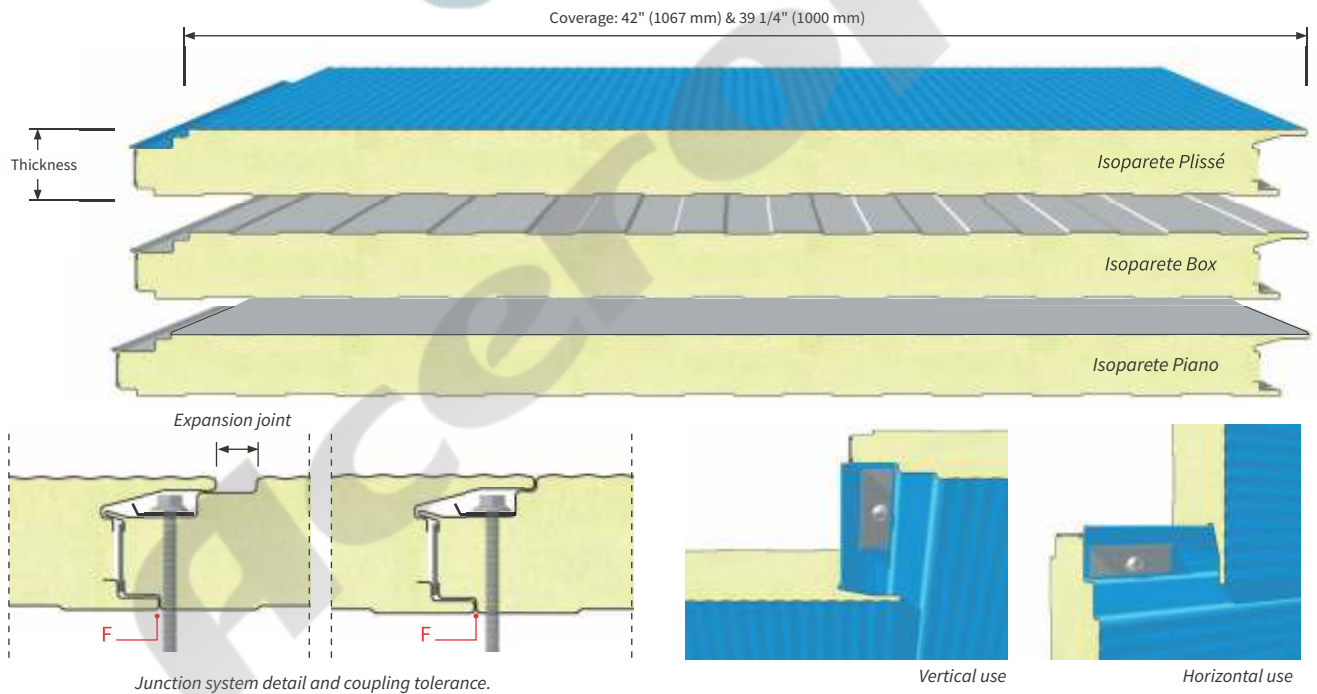


Isoparete Box-Isoparete Plissé Isoparete Piano



It is a double-steel sheet wall panel, insulated with polyisocyanurate rigid foam. The tongue-and-groove joint is done using hidden through-fastened screw and saddle clip. External face available in Plissé, Box and Piano profiles. Internal face available in Box profile,



isoCindou advises, during the installation phase, use steel junction piece for overloads distribution. The position of the steel junction piece must guarantee the stress resistance and overloads depression resistance.

OVERLOAD WHEELBASE

STEEL		STEEL SHEETS 26/26 (GA) - SUPPORT 4 5/8"													
UNIFORMLY DISTRIBUTED LOAD	PANEL NOMINAL THICKNESS							PANEL NOMINAL THICKNESS							
	1"5/8	2"	2"1/2	3"	4"	5"	6"	1"5/8	2"	2"1/2	3"	4"	5"	6"	
PSF	MAX SPANS ft-in							MAX SPANS ft-in							
10.24	10' 5 5/8"	12' 5 5/8"	14' 5 5/8"	17' 5/8"	19' 8 5/8"	22' 1 5/8"	25' 7 5/8"	12' 5 5/8"	14' 9 5/8"	17' 5/8"	20' 2 5/8"	22' 11 5/8"	24' 7 5/8"	27' 2 5/8"	
12.29	9' 10"	11' 5 3/4"	13' 5 3/8"	15' 6 1/2"	18' 4 3/8"	20' 10"	22' 7 5/8"	11' 1 3/4"	13' 5 3/8"	15' 5"	18' 4 3/8"	20' 8"	21' 11 3/4"	26' 4 7/8"	
16.38	8' 6 1/4"	10' 1 5/8"	11' 5 3/4"	13' 7 3/8"	16' 7/8"	18' 8 3/8"	20' 8"	9' 6 1/8"	11' 5 3/4"	13' 5 3/8"	15' 7"	17' 2 5/8"	18' 8 3/8"	24' 3 1/4"	
20.48	7' 6 1/2"	9' 1/4"	10' 5 7/8"	12' 3 5/8"	14' 9 1/8"	16' 10 3/4"	18' 8 3/8"	8' 6 1/4"	10' 2"	11' 9 5/8"	13' 9 1/4"	15' 5"	16' 7/8"	20' 11 7/8"	
24.57	6' 10 5/8"	8' 2 3/8"	9' 6 1/8"	11' 1 3/4"	13' 7 3/8"	15' 7"	17' 2 5/8"	7' 6 1/2"	9' 2 1/8"	10' 5 7/8"	12' 1 5/8"	13' 7 3/8"	14' 7 1/8"	18' 2 1/2"	
28.67	6' 2 3/4"	7' 6 1/2"	8' 8 1/4"	10' 1 5/8"	12' 7 1/2"	14' 7 1/8"	15' 8 7/8"	6' 6 5/8"	8' 2 3/8"	9' 8 1/8"	11' 1 3/4"	12' 5 1/2"	13' 5 3/8"	16' 6 3/4"	
32.77	5' 8 7/8"	6' 10 5/8"	8' 3/8"	9' 6 1/8"	11' 11 5/8"	13' 7 3/8"	15' 1"	6' 3/4"	7' 2 1/2"	8' 8 1/4"	10' 2"	11' 7 3/4"	12' 3 5/8"	15' 1"	
36.86	5' 4 7/8"	6' 4 3/4"	7' 6 1/2"	9' 1/4"	11' 3 3/4"	12' 11 1/2"	13' 11 1/4"	5' 2 7/8"	6' 6 5/8"	7' 10 3/8"	9' 4 1/8"	11' 1 3/4"	11' 7 3/4"	13' 9 1/4"	
40.96	5' 5/8"	6' 3/4"	7' 5/8"	8' 4 3/8"	10' 7 7/8"	12' 3 5/8"	13' 5 3/8"	4' 9"	5' 10 3/4"	7' 5/8"	8' 8 1/4"	10' 4"	10' 11 7/8"	13' 1 3/8"	

PANEL WEIGHT

STEEL THICKNESS GA		PANEL NOMINAL THICKNESS						
		1" 5/8	2"	2"1/2	3"	4"	5"	6"
26/26	PLF	2.04	2.01	2.23	2.33	2.49	2.74	2.94
24/26	PLF	2.43	2.31	2.41	2.52	2.72	2.92	3.13
24/24	PLF	2.41	2.47	2.58	2.70	2.84	3.09	3.31

DIMENSIONAL TOLERANCES (According to EN 14509)

DEVIATION in	
Length	L ≤ 9' 10" ± 1/8" L > 9' 10" ± 3/8"
Working length	± 1/16"
Thickness	D ≤ 4" ± 1/16" D > 4" ± 2%
Orthometry and Rectangularity	1/4"
Misalignment of the internal metal surfaces	± 1/8"
Sheet coupling	F = 1 + 1/8"

L = working length, D = panel thickness, F = sheet coupling

FIRE BEHAVIOR

Concerning technical specifications relating to fire behavior, see page 46 on the catalogue or visit www.isocindu.mx

STANDARD LENGTH

Minimum 8' 2 3/8", maximum 39' 4 3/8" (Subject to availability of transportation on national roads).

FOAM DENSITY

Foam density 2.49 PCF ± 10%

THERMAL INSULATION




According to the new standard EN 14509 Annex 10

U	in	PANEL NOMINAL THICKNESS						
		1 5/8"	2"	2 1/2"	3"	4"	5"	6"
W/m²·K		0,57	0,47	0,39	0,32	0,23	0,18	0,15
Kcal/m²·h·°C		0,10	0,08	0,07	0,06	0,04	0,03	0,03
R	m²·K/W	1,75	2,11	2,60	3,13	4,33	5,56	6,67
	H ft²·F/Btu	9,93	12,00	14,75	17,80	24,58	31,55	37,86

According to the calculation method EN 6946

K	in	PANEL NOMINAL THICKNESS						
		1 5/8"	2"	2 1/2"	3"	4"	5"	6"
W/m²·K		0,54	0,44	0,36	0,31	0,22	0,17	0,14
Kcal/m²·h·°C		0,09	0,08	0,06	0,05	0,04	0,03	0,02
R	m²·K/W	1,86	2,27	2,75	3,25	4,54	5,88	7,14
	H ft²·F/Btu	10,53	12,91	15,64	18,44	25,75	33,40	40,56

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NOTE: The information contained in this catalogue is only a reference, the data can vary.