

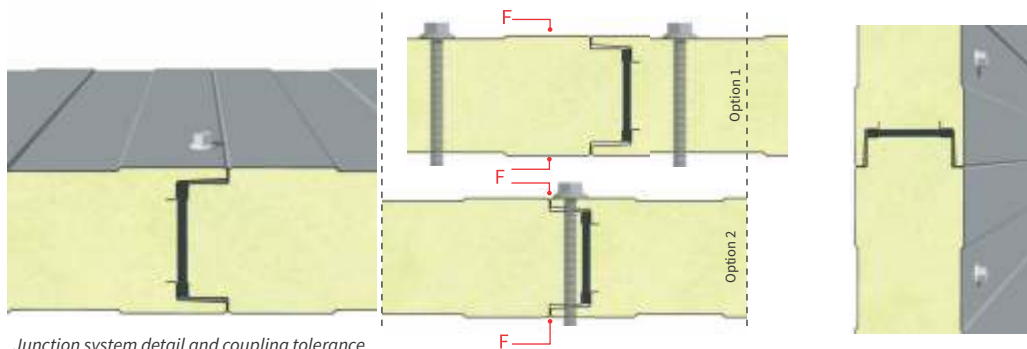
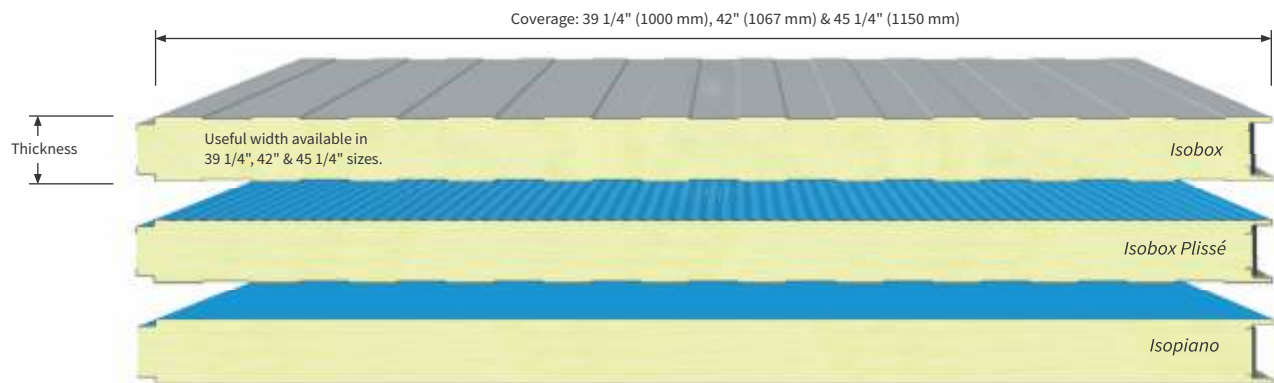


Isobox/Plissé/Piano

Produced in Mexico



It is a double-steel sheet wall panel, insulated with polyisocyanurate rigid foam. The tongue-and-groove joint is visible using through-fastened screw and saddle washer. External face available in Plissé, Box and Piano profiles. Internal face available in Box profile. It is also suitable for cooling chambers.



Isobox/Plissé/Piano



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"	8"	1"5/8	2"	2"1/2	3"	4"	5"	6"	8"	
PSF	MAX SPANS ft-in																
10.24	10' 5 7/8"	12' 5 5/8"	14' 5 5/8"	18' 5 5/8"	19' 8 5/8"	22' 1 3/4"	25' 7 5/8"	27' 6 5/8"	12' 5 5/8"	14' 9 5/8"	17' 5 8"	21' 3 7/8"	22' 11 1/2"	24' 7 5/8"	27' 2 3/4"	29' 0 3/8"	
12.29	9' 9 5/8"	11' 5 3/4"	13' 5 3/8"	16' 4 3/4"	18' 4 3/8"	20' 10"	22' 7 5/8"	27' 3 3/4"	11' 1 3/4"	13' 5 3/8"	15' 5"	19' 4 1/4"	20' 8"	21' 11 3/4"	26' 4 7/8"	27' 0 5/8"	
16.38	8' 6 1/4"	10' 2"	11' 5 3/4"	14' 5 1/8"	16' 7/8"	18' 8 3/8"	20' 8"	25' 5"	9' 6 1/8"	11' 5 3/4"	13' 5 3/8"	16' 4 3/4"	17' 2 5/8"	18' 8 3/8"	24' 3 1/4"	26' 7/8"	
20.48	7' 6 1/2"	9' 1/4"	10' 5 7/8"	12' 11 1/2"	14' 9 1/8"	16' 10 3/4"	18' 8 3/8"	23' 3 1/2"	8' 6 1/4"	10' 2"	11' 9 5/8"	14' 5 1/8"	15' 5"	16' 7/8"	20' 11 7/8"	22' 5 5/8"	
24.57	6' 10 5/8"	8' 2 3/8"	9' 6 1/8"	11' 9 5/8"	13' 7 3/8"	15' 7"	17' 2 5/8"	21' 1 7/8"	7' 6 1/2"	9' 2 1/8"	10' 5 7/8"	12' 9 1/2"	13' 7 3/8"	14' 7 1/8"	18' 2 1/2"	19' 4 1/4"	
28.67	6' 2 3/4"	7' 6 1/2"	8' 8 1/4"	10' 9 7/8"	12' 7 1/2"	14' 7 1/8"	15' 8 7/8"	19' 8 1/8"	6' 6 5/8"	8' 2 3/8"	9' 8 1/8"	11' 9 5/8"	12' 5 1/2"	13' 5 3/8"	16' 6 3/4"	17' 4 5/8"	
32.77	5' 8 7/8"	6' 10 5/8"	8' 3/8"	10' 2"	11' 11 5/8"	13' 7 3/8"	15' 1"	18' 10 3/8"	6' 3/4"	7' 2 1/2"	8' 8 1/4"	10' 9 7/8"	11' 7 3/4"	12' 3 5/8"	15' 1"	15' 7"	
36.86	5' 4 7/8"	6' 4 3/4"	7' 6 1/2"	9' 6 1/8"	11' 3 3/4"	12' 11 1/2"	13' 11 1/4"	17' 8 1/2"	5' 2 7/8"	6' 6 5/8"	7' 10 3/8"	10'	11' 1 3/4"	11' 7 3/4"	13' 9 1/4"	13' 11 1/4"	
40.96	5' 1"	6' 3/4"	7' 5/8"	8' 10 1/4"	10' 7 7/8"	12' 3 5/8"	13' 5 3/8"	16' 6 3/4"	4' 9"	5' 10 3/4"	7' 5/8"	9' 4 1/8"	10' 4"	10' 11 7/8"	13' 1 3/8"	13' 5 3/8"	

PANEL WEIGHT

STEEL THICKNESS GA		Panel nominal thickness (in)								
		1" 1/4	1" 5/8	2"	2" 1/2	3"	4"	5"	6"	8"
26/26	PLF	1.96	2.00	2.06	2.17	2.27	2.47	2.68	2.88	3.44
24/26	PLF	2.13	2.17	2.25	2.35	2.45	2.66	2.84	05	3.61
24/24	PLF	2.29	2.31	2.39	2.51	2.62	2.82	3.03	3.23	3.78

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.isocinou.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

K	10 PANEL NOMINAL THICKNESS								
	1 1/4"	1 5/8"	2"	2 1/2"	3"	4"	6"	8"	
W/m².K	0,67	0,52	0,43	0,35	0,29	0,22	0,18	0,15	0,11
Btu/H ft².°F	0,12	0,09	0,08	0,06	0,05	0,04	0,03	0,03	0,02
R	1,49	1,92	2,33	2,86	3,45	4,55	5,56	6,67	9,00
	8,48	10,92	13,21	16,22	19,58	25,81	31,55	37,86	51,15

According to the calculation method EN 6946

K	PANEL NOMINAL THICKNESS								
	1 1/4"	1 5/8"	2"	2 1/2"	3"	4"	6"	8"	
W/m².K	0,63	0,49	0,40	0,33	0,28	0,21	0,17	0,14	0,10
Btu/H ft².°F	0,11	0,09	0,07	0,06	0,05	0,04	0,03	0,02	0,01
R	1,59	2,04	2,50	3,03	3,57	4,76	5,88	7,14	9,25
	9,01	11,59	14,20	17,21	20,28	27,04	33,40	40,56	52,57

