

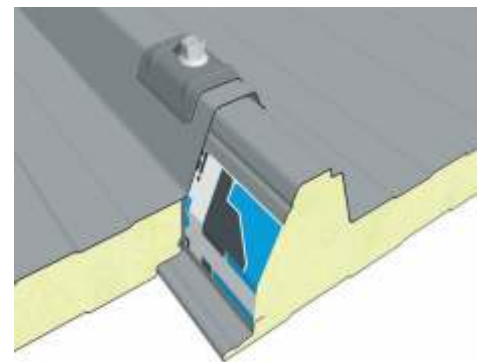
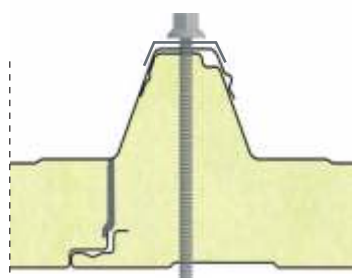
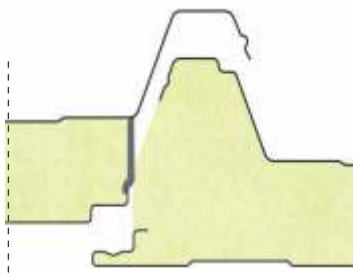
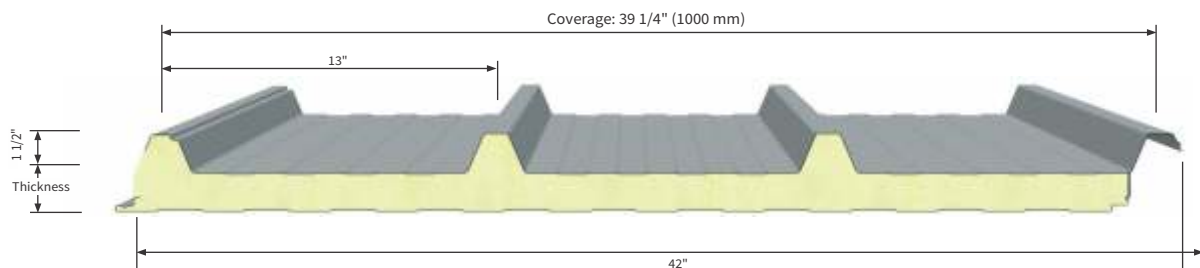


Isocop4

Produced in Mexico



Double-steel sheet roof panel, insulated with polyisocyanurate rigid foam for roof with a minimum slope of 7%. External steel sheet profiled with 4 ribs, to increase static and dynamic resistance. Panels are fastened using visible through-fastened screw and saddle clip at each high rib along the supports.



Junction system detail and coupling tolerance.

Isocop4



OVERLOAD WHEELBASE

STEEL SHEETS 24/26 (GA) - SUPPORT 4 5/8"																	
UNIFORMLY DISTRIBUTED LOAD																	
	PANEL NOMINAL THICKNESS								PANEL NOMINAL THICKNESS								
	1"1/2	2"	2"1/2	3"	4"	5"	6"	8"	1"1/2	2"	2"1/2	3"	4"	5"	6"	8"	
PSF	MAX SPANS ft-in								MAX SPANS ft-in								
16.38	10' 5 7/8"	12' 1 5/8"	13' 5 3/8"	16' 4 3/4"	18' 6 3/8"	19' 6 1/4"	20' 2 1/8"	20' 10"	12' 3 5/8"	14' 3 1/4"	15' 8 7/8"	18' 8 3/8"	21' 3 7/8"	22' 7 5/8"	24' 1 1/4"	24' 11 1/8"	
20.48	9' 4 1/8"	10' 9 7/8"	12' 1 5/8"	14' 7 1/8"	16' 2 7/8"	17' 4 5/8"	18' 0 1/2"	18' 8 3/8"	10' 11 7/8"	12' 7 1/2"	14' 5 1/8"	17' 2 5/8"	19' 0 1/4"	20' 4"	21' 3 7/8"	22' 1 3/4"	
30.72	7' 6 1/2"	8' 8 1/4"	9' 10"	11' 9 5/8"	13' 5 3/8"	14' 7 1/8"	15' 5"	16' 2 7/8"	8' 10 1/4"	10' 4"	11' 9 5/8"	14' 1 1/4"	16' 0 7/8"	17' 8 1/2"	18' 8 3/8"	19' 6 1/4"	
40.96	6' 0 3/4"	7' 0 5/8"	8' 4 3/8"	9' 8 1/8"	11' 3 3/4"	12' 7 1/2"	13' 7 3/8"	14' 7 1/8"	7' 4 1/2"	8' 8 1/4"	10' 2"	11' 5 3/4"	13' 9 1/4"	15' 5"	16' 8 3/4"	17' 8 1/2"	
51.20	4' 11"	5' 10 3/4"	6' 8 5/8"	8' 4 3/8"	9' 10"	10' 11 7/8"	11' 9 5/8"	12' 7 1/2"	6' 2 3/4"	7' 6 1/2"	8' 6 1/4"	10' 2"	12' 1 5/8"	13' 7 3/8"	14' 9 1/8"	15' 8 7/8"	

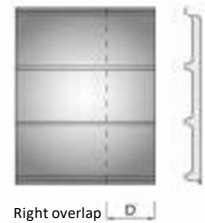
STEEL SHEETS 24/26 (GA) - SUPPORT 4 5/8"																	
16.38	11' 3 3/4"	12' 11 1/2"	13' 7 3/8"	17' 0 5/8"	19' 0 1/4"	20' 2 1/8"	20' 10"	21' 5 3/4"	13' 1 3/8"	15' 1"	15' 10 7/8"	19' 4 1/4"	22' 1 3/4"	23' 9 3/8"	25' 1 1/8"	26' 2 7/8"	
20.48	10' 2"	11' 9 5/8"	12' 7 1/2"	15' 3"	17' 2 5/8"	18' 4 3/8"	19' 4 1/4"	20' 0 1/8"	11' 9 5/8"	13' 7 3/8"	14' 11 1/8"	17' 10 1/2"	20' 0 1/8"	21' 3 7/8"	22' 3 5/8"	23' 3 1/2"	
30.72	8' 5 3/8"	9' 10"	10' 5 7/8"	12' 11 1/2"	14' 7 1/8"	15' 8 7/8"	16' 6 3/4"	17' 2 5/8"	9' 10"	11' 7 3/4"	12' 5 1/2"	15' 3"	17' 2 5/8"	18' 8 3/8"	19' 8 1/8"	20' 8"	
40.96	6' 8 5/8"	8' 0 3/8"	8' 8 1/4"	10' 7 7/8"	12' 5 1/2"	13' 7 3/8"	14' 3 1/4"	14' 11 1/8"	8' 0 3/8"	9' 8 1/8"	10' 5 7/8"	12' 5 1/2"	14' 11 1/8"	16' 0 7/8"	17' 6 5/8"	18' 8 3/8"	
51.20	5' 4 7/8"	6' 6 5/8"	7' 6 1/2"	9' 4 1/8"	10' 9 7/8"	11' 11 5/8"	12' 9 1/2"	13' 7 3/8"	6' 8 5/8"	8' 2 3/8"	9' 4 1/8"	11' 1 3/4"	13' 1 3/8"	14' 7 1/8"	15' 8 7/8"	16' 10 3/4"	

PANEL WEIGHT

		PANEL NOMINAL THICKNESS							
STEEL THICKNESS GA		1"1/2	2"	2"1/2	3"	4"	5"	6"	8"
26/26	PLF	2.07	2.17	2.27	2.37	2.76	2.82	3.03	3.48
24/26	PLF	2.25	2.35	2.45	2.56	2.94	2.99	3.23	3.70
24/24	PLF	2.43	2.54	2.64	2.74	2.94	3.19	3.39	3.84



Left overlap

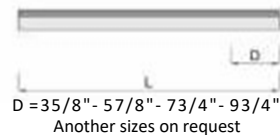


Right overlap

DIMENSIONAL TOLERANCES (According to EN 14509)

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

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



Overlap system detail.

STANDARD LENGTH

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

FIRE BEHAVIOR

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

FOAM DENSITY

Foam density 2.49 PCF ± 10%

THERMAL INSULATION

According to the new standard EN 14509 Annex 10

U	PANEL NOMINAL THICKNESS								
	in	1”1/2	2”	2”1/2	3”	4”	5”	6”	8”
W/m²·K		0,56	0,42	0,34	0,28	0,21	0,17	0,14	0,11
Btu/H ft²·°F		0,10	0,07	0,06	0,05	0,04	0,03	0,02	0,02
R	m²·K/W	1,79	2,38	2,94	3,57	4,76	5,88	7,14	9,09
	H·ft²·°F/Btu	10,14	13,52	16,70	20,28	27,04	33,40	40,56	51,55

According to the calculation method EN 6946

K	PANEL NOMINAL THICKNESS								
	in	1”1/2	2”	2”1/2	3”	4”	5”	6”	8”
W/m²·K		0,42	0,37	0,31	0,26	0,20	0,17	0,14	0,11
Btu/H ft²·°F		0,07	0,07	0,05	0,05	0,04	0,03	0,02	0,02
R	m²·K/W	2,38	2,70	3,23	3,85	5,00	5,88	7,14	9,09
	H·ft²·°F/Btu	13,52	15,35	18,32	21,84	28,39	33,40	40,56	51,55

