



H. P. S.

HARVEST PANEL SYSTEMS

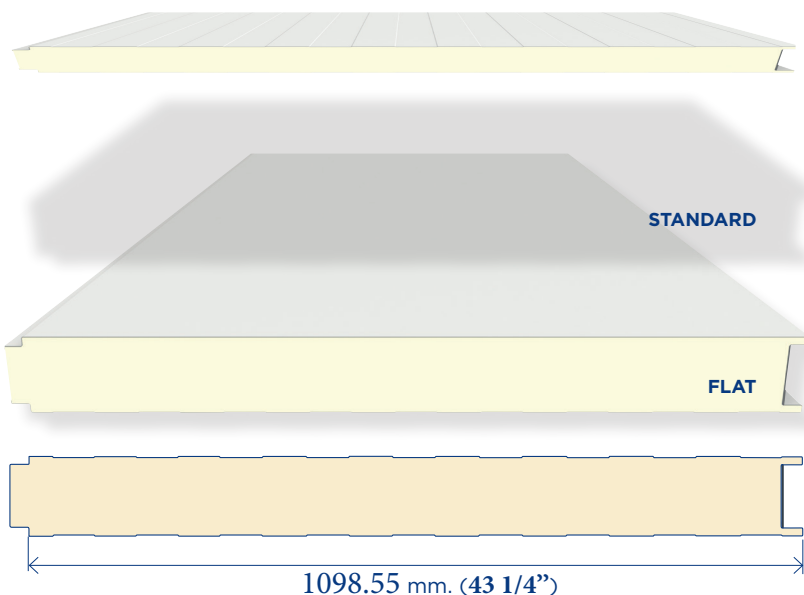
INSULATED WALL AND CEILING PANELS



Harvest Panels are Insulated Metal Panels composed of steel skins laminated to a minimum of 1.6-inch poly-isocyanurate foam core (min 2.3 pcf density).

Harvest Panels have a tongue and groove joint system specially designed for use in all types of projects including the refrigeration industry, refrigerated transport, cold storage, labs, and processing and cultivation facilities.

Harvest Panels are available in seven different thicknesses. They come in two different exterior finishes (standard and flat) and two different interior finishes (standard and flat), as well as a wide range of available colors.



TECHNICAL SPECIFICATIONS cold-room panels

	VALUES							
Panel thickness	40, 1 ⁹ / ₁₆ ,	50, 1 ³ / ₈ ,	60, 2 ³ / ₈ ,	80, 3 ⁵ / ₁₆ ,	100, 3 ¹ / ₂ ,	120, 4 ³ / ₈ ,	150, 6,	mm. inch.
Useable width	1000 mm. (39 3/8")							
Length	Up to 11.900 mm. (39 ft.)							
Field of application	Cold room							
Thicknesses of outer face	mm GAUGE	0.5 / 0.6 / 0.7 26 / 24 / 22						
Thicknesses of inner face	mm GAUGE	0.5 / 0.6 / 0.7 26 / 24 / 22						
Exterior face	G90 galvanized or AZ50 aluminum-zinc, coated steel in 26 GA and above							
Interior face	G90 galvanized or AZ50 aluminum-zinc, coated steel in 26 GA and above							
Coatings	Polyester 25um (1 mil)							
	PVDF 25um / 35um (1 mil / 1.38 mils)							
	Granite HDX / SDP 50 (2,16 mils)							
Outer ribbing	Standard / flat							
Inner ribbing	Standard / Flat							
Type of core	Polyisocyanurate (PIR)							
Core Density	40 Kg/m ³ (2.3 PCF)							



UNE-EN 13501
Reaction to fire:
B-s1, d0



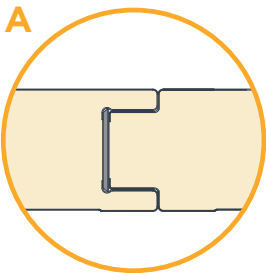
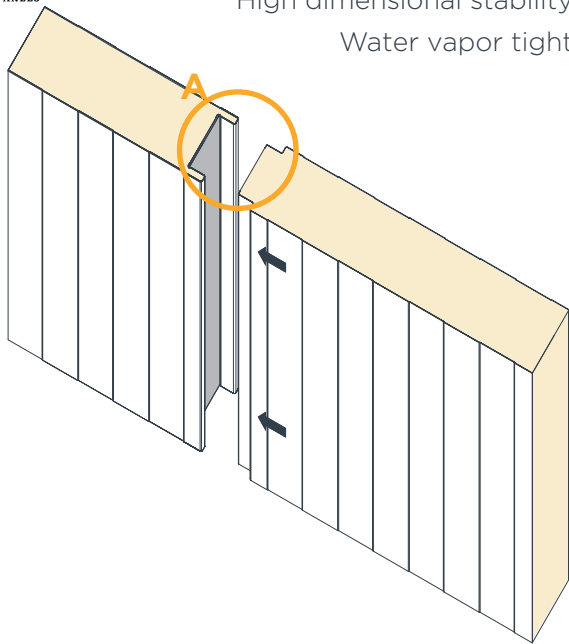
ASTM E84
Class A



Functions and benefits of Harvest Panel Systems

- Excellent aesthetics
- High thermal insulation capacity
- High mechanical strength
- High dimensional stability
- Water vapor tight

- A versatile material that allows any configuration
- Quick to install and easy to maintain
- Easily removable
- Made to measure, avoids waste
- Resistant to aggressive environment



Panel thickness		Panel weight	U - Value	R - Value
mm	(")	LB/ft ²	BTU/Hr ft ² °F	Hr ft ² °F/BTU
40	(1 9/16")	2.06	0.097	10.299
50	(1 31/32")	2.14	0.075	13.322
60	(2 3/8")	2.22	0.060	16.547
80	(3 5/32")	2.38	0.044	22.712
100	(3 15/16")	2.55	0.035	28.745
120	(4 3/4")	2.71	0.029	34.728
150	(6 ")	2.96	0.023	43.634



Testing and approvals:

Harvest Panel Systems meet the most demanding industry requirements. We have years of experience in producing insulated panels on our U.S. state-of-the-art continuous production line.

TEST	TEST METHOD	RESULTS
Fire	ASTM E 84	Flame spread index 20 Smoke developed index 300
Strength	ASTM E 8	> 32 ksi steel

