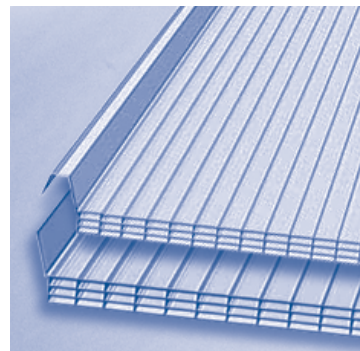


**The Best Choice for Curved & Flat Roofing Solutions!**

# VEGA & POLARIS

30mm Polycarbonate Multi-Wall Panel



**CO-EX**  
CORPORATION

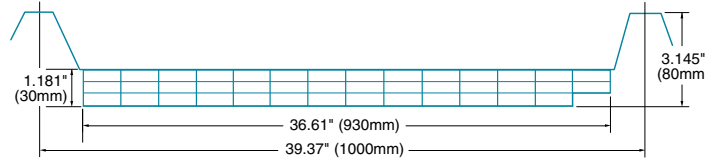
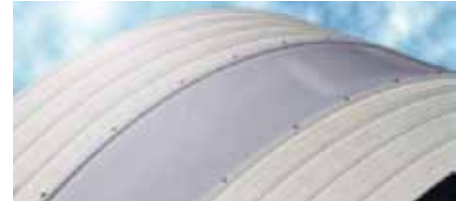
**Macrolux**  
MULTIWALL

**VEGA 30mm Panel – Multi-Wall Polycarbonate for Roofing**

VEGA panel is a high performing solution to glaze any industrial building roof.

- Easy to install
- Universal system fits any section and thickness of insulated sandwich panels
- Excellent thermal properties
- Very good fire resistance
- High impact resistance
- 10 year warranty

It is necessary to "ovalise" all holes in order to allow thermal expansion of the panel. "Ovalisation" depends on the length of the panel and the estimated temperature difference.



**BREAKING LOADS – FLAT PANEL**

Support Distance (inches)	Pressure (lbs./sq.ft.)	Depression (lbs./sq.ft.)
82.67	29	Max. 29
74.8	26	
70.9	33	
63	40	

**TECHNICAL INFORMATION – VEGA PANEL for FLAT ROOFING**

Thickness	30mm	U Value	.28 BTU/ft <sup>2</sup> h °F
Weight	.741 lbs./sq.ft.	Sound Insulation	23 dB
Rib Distance	1.378" (35mm)	Thermal Expansion Coefficient	0.065mm/m °C
Standard Width	36.61" (930mm)	Fire Certification	Available
Standard Length	39' 7" (12100mm)	G Value	Clear 61% Opal 44%
Light Transmission (LT)	Clear 52% Opal 35%		

**ALLOWED LOADS – CURVED PANEL**

Radius	LOADS (lbs./sq.ft.)		
	Maximum Span (inches)		
	118"	157"	197"
236"	38	31	25

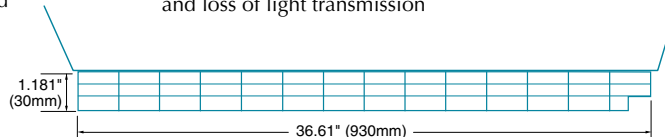
**TECHNICAL INFORMATION – VEGA PANEL for CURVED ROOFING**

Thickness	30mm	U Value	.28 BTU/ft <sup>2</sup> h °F
Weight	.80 lbs./sq.ft.	Sound Insulation	23 dB
Module Width	39.37" (1000mm)	Fire Certification	Available on request
Maximum Length	16'4" (5000mm)	Thermal Expansion Coefficient	0.065mm/m °C
Rib Distance	1.378" (35mm)	G Value	Clear 59% Opal 40%
Allowed Radius	19'7" (6000mm)		
Light Transmission (LT)	Clear 50% Opal 31%		

**POLARIS 30mm Panel – Multi-Wall Polycarbonate for Flat Solutions**

POLARIS panel is a multi-wall panel suitable for industrial applications such as full slope skylights.

- Quick to install, no false ceiling necessary
- Universal system coupling with all insulating panels
- Always allow for a possible thermal expansion between POLARIS PANEL and the insulated panel
- Very good thermal insulation
- Excellent fire resistance
- High impact resistance
- 10 year warranty against yellowing, hailstone and loss of light transmission



**LOADS – POLARIS PANEL**

LOADS		30mm
Pressure	19 lb./sq.ft.	86"
	25 lb./sq.ft.	75"
	31 lb./sq.ft.	71"
	42 lb./sq.ft.	63"
Suction	19 lb./sq.ft.	79"
	25 lb./sq.ft.	67"
	31 lb./sq.ft.	63"

Maximum distance between the rafters.

**TECHNICAL INFORMATION – POLARIS PANEL**

Thickness	30mm	U Value	.28 BTU/ft <sup>2</sup> h °F
Weight	.741 lb./sq.ft.	Sound Insulation	23 dB
Module Width	36.61" (930mm)	Thermal Expansion Coefficient	0.065mm/m °C
Standard Width	39.37" (1000mm)	Fire Certification	Available
Standard Length	39' 7" (12100mm)	Temperature of Use	Min. -22°F / Max. 248°F
Light Transmission (LT)	Clear 50% Opal 31%	G Value	Clear 61% Opal 44%

*The data shown here is subject to change without notice at the discretion of CO-EX Corporation. It is the sole responsibility of the customer to confirm with their own architect, engineer or other professional consultants that the goods offered for sale by CO-EX Corporation meet the requirements and specifications of the particular project and use for which they are being purchased.*

**Call today for more information! (800) 888-5364**