



# UNITREX Multi-Wall Panels

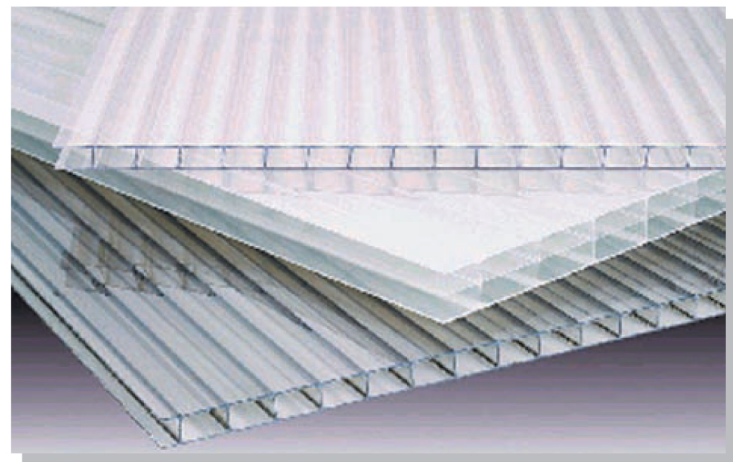
Multi-Wall Structured Polycarbonate Panels

## The Multi-Wall That Has It All

UNITREX Multi-Wall panels combine superior characteristics of polycarbonate with all the advantages offered by multi-wall design. The result yields a light, strong, aesthetically pleasing insulating sheet ideal for a variety of roofing, cladding, glazing, and other applications in construction, advertising, and agriculture.

### Features:

- High impact resistant
- Virtually unbreakable
- Outstanding resistance to weathering and UV radiation
- Lightweight
- Non-combustible
- Excellent thermal insulation properties
- Easy to install



### Typical Uses:

- Car ports
- Conservatories
- Covered walkways
- False ceilings
- Glazing
- Greenhouses
- Partitions
- Set designs
- Skylights/Sidelights
- Swimming pool enclosures



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**Available Forms and Accessories for  
UNITREX Multi-Wall Panel**

<b>Thickness</b>	<b>Weight</b>	<b>Structure Type</b>	<b>R-Value</b>	<b>Color</b>
1/4" (6 mm)	.27 psf	Twin Wall	1.62	Clear
1/4" (6 mm)	.27 psf	Twin Wall	1.62	Bronze
1/4" (6 mm)	.27 psf	Twin Wall	1.62	Opal
5/16" (8 mm)	.31 psf	Twin Wall	1.72	Clear
5/16" (8 mm)	.31 psf	Twin Wall	1.72	Bronze
5/16" (8 mm)	.31 psf	Twin Wall	1.72	Opal
3/8" (10 mm)	.35 psf	Twin Wall	1.89	Clear
3/8" (10 mm)	.35 psf	Twin Wall	1.89	Bronze
3/8" (10 mm)	.35 psf	Twin Wall	1.89	Opal
5/8" (16 mm)	.55 psf	Triple Wall	2.36	Clear
5/8" (16 mm)	.55 psf	Triple Wall	2.36	Bronze
5/8" (16 mm)	.55 psf	Triple Wall	2.36	Opal
1" (25 mm)	.72 psf	Structured	3.33	Clear
1" (25 mm)	.72 psf	Structured	3.33	Bronze
1" (25 mm)	.72 psf	Structured	3.33	Opal
1.25" (32 mm)	.78 psf	Structured	3.79	Clear
1.25" (32 mm)	.78 psf	Structured	3.79	Bronze
1.25" (32 mm)	.78 psf	Structured	3.79	Opal

**Please note: Other colors are available upon request. Minimum quantities may apply.**

<b>Profile</b>	<b>Size in mm</b>	<b>Color</b>	<b>Length</b>
H Profile	6,8,10,16	C,B,O	12' & 24'
Base & Cap	All	C,B,O	12' & 24'
U Profile	6,8,16	C,B,O	12' & 24'
Alum. U Pro	16	Light Grey	19'6"
Alum. H Pro	16	Light Grey	19'6"



**Colors:** Clear, Bronze, White, Opal

**Width:** 48", 72", and 82"

**Lengths:** Up to 24'

**Special Orders:**

Other colors are also available upon request. Minimum orders may apply.

For more information about Unitrex Polycarbonate Sunlite and accessories, email us at: [info@hmfmgcorp.com](mailto:info@hmfmgcorp.com)

## Technical Properties

Service Temperature Range	-40°F to 270°F
H.D.T. (1.82 MPa)	135°C
Coefficient of Linear Thermal Expansion	$6.8 \times 10^{-5}/^{\circ}\text{C}$
K Value	1.75 to 4.0 W/m <sup>2</sup> K
Light Transmission (clear panel)	80% 6, 8, 10 mm twin wall
	76% 16 mm twin wall
	75% 10, 16 mm triple wall
	67% 25 mm four wall
Refractive Index	1.586

### 10-Year Limited Warranty:

Unitrex Polycarbonate Sunlite is warranted against weathering, yellowing, and loss of light transmission. To receive the complete details of the warranty, please contact your H & F representative at 800.474.2732, or email at: [warranty@hmfmgcorp.com](mailto:warranty@hmfmgcorp.com)

### Disclaimer:

In as much as H & F Manufacturing Corporation's material has many approved uses, any non-standard uses should be tested by the user to determine its suitability. Proper installation techniques must be in accordance with H & F Manufacturing Corporation's procedures, and H & F will not be liable for damages due to improper installation. In accordance with our company's continual product development, you are advised to check with your H & F Manufacturing Corp. supplier to ensure that you have the most up-to-date information.