



 **Macrolux**<sup>®</sup>

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**10 WALL POLICARBONATE**

ENERGY SAVING MULTIWALL SHEET

# 10 WALL ENERGY SAVING POLYCARBONATE SHEET

## The first 16mm/10X E.S. with a U-Value of 1.7W/m2K

Macrolux® USA introduces the first commercially available 16mm thick 10 Wall polycarbonate sheet with insulation values of U-Value .299 and R-Value 3.34.

The 10X Wall, energy saving multiwall sheet comes in thicknesses from 16mm up to 32mm and the newly introduced 40mm product offering.

The industry standard thickness for skylights, domes, barrel vaults is 16mm. Now with the introduction of our 16mm/10X Wall E.S. product, we meet the industries needs with superior load capabilities along with excellent insulation properties in one product. The 16mm, along with the 20mm, the 25mm, the 32mm and the 40mm broaden our product line for use in other applications such as conservatories, roofing, glazing and all other applications requiring natural lighting while supplying excellent insulation values.

As with all our Macrolux® products, this product has a one side UV protection and a 10 year limited warranty for resistance to UV damage. Our 16mm/10X Wall E.S. can also be offered in two sided UV upon request.

### THERMAL INSULATION

The excellent thermal insulation properties, distinctive to multiwall sheet, is enhanced in 10X Wall sheets. Each distinctive channel traps air, creating a thermal barrier from exterior side of the sheet to the interior side.

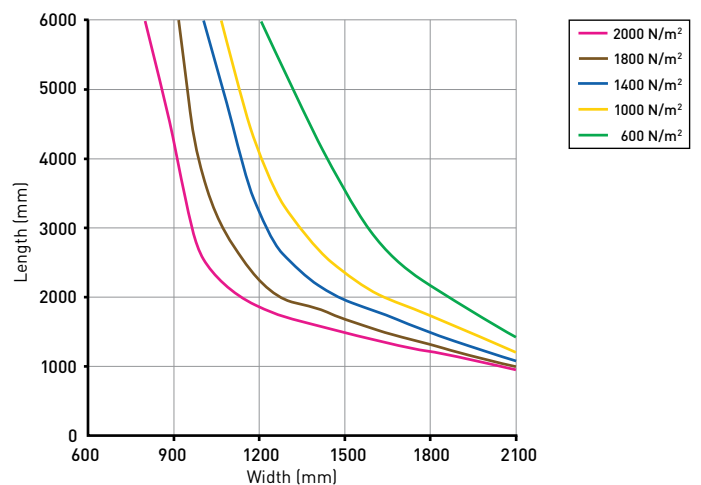
### Technical Data

THICKNESS	16mm	20mm	25mm	32mm	40mm
Rib distance	14mm	14mm	14mm	14mm	14mm
Weight (per sq. ft.)	0.573	0.655	0.696	0.758	0.880
U-Value	0.299	0.264	0.229	0.194	0.194
R-Value [1/u]	3.34	3.79	4.37	5.15	5.15
Light Transmission (clear)	45%	40%	38%	34%	28%

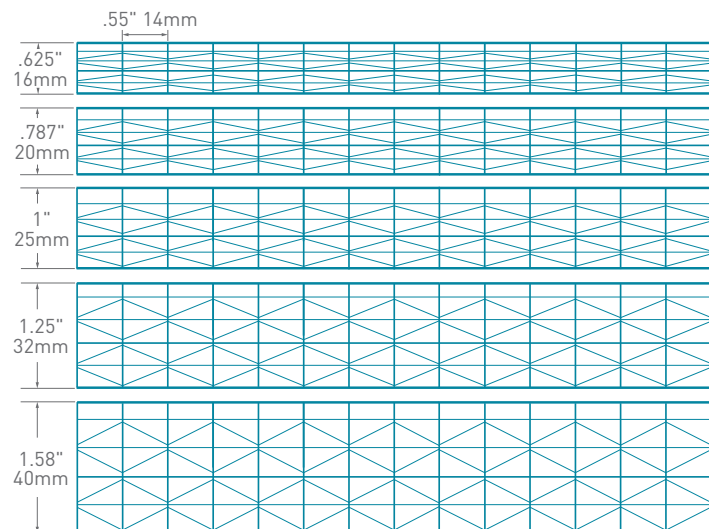


### Load chart

Flat Installation fixed on 4 sheets.



### Profiles



This information and our product application recommendations are illustrative and must be verified for each project. The pictures presented are merely illustrative.

