

UltraLite® MULTIWALL UV2, 4/10-6mm

UltraLite® multiwall UV2, 4/10-6 mm is a 4-wall polycarbonate sheet of 10 mm thickness. It combines high light transmission, excellent thermal insulation and good load bearing properties due to Y structure. And excellent weather resistance. The sheet is light weight, impact resistant and easy to install.

Is ideal for

cold-curved barrel vaults. It can also be installed as flat glazing. •industrial glazing, sports stadiums •green houses •swimming pool covers •conservatories •covered walk ways •car ports, porches, shelters •partition walls• sky lights, barrel vaults, north light glazing •roofing

The sheets are produced with a co extruded UV-protective layer on both sides, which is homogeneously fused with the sheet material. It provides UltraLite® Multiwall UV with a highly effective protection against weathering for 10 years. The manufacturing width of 2,100 mm is particularly suitable for sections that are cut to size across the width.

Technical data

	Typical Values	
Area weight	1.8 kg/m ²	
Width	2100mm	
Length	11800mm	
Min cold bending radius	1500mm	
Light transmission TD65 (UV Absorbing)	Clear	68±3%
	White	45±3%
	Bronze	30±3%
	Blue	35±3%
	Green	40±3%
Total energy transmission g	Clear	65%
Heat transfer coefficient U _g Vertical	2.5W/m ² K	
Co efficient of thermal expansion α	0.065 mm/m°C	
Possible expansion due to heat and moisture	3mm/m	
Maximum services temperature without load	120°C	
Fire rating		
Europe	Clear	B-S1-d0 (EN13501-1)
Germany	Clear	B2 (DIN 4102) no burning drop
France	Clear	M1(NF P 92501/505)
Italy	Roof & Wall	Class 1(CSE/RF2/75/A&3/77)
Ball Impact performance	Resistance to ball impact (as per DIN18032 part 2), including hockey balls	

Product data sheet 2021

UltraLite®
MULTIWALL UV2, 4/10- 6.0 mm

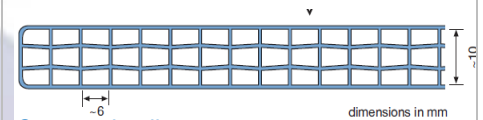
Silent, Safe, Sustainable PC
Sheets –Make in India

Advantages:

- Heat Insulating
- Cold bendable
- Light transmission
- High impact strength
- Both side UV coated
- Weathering resistance
- BIS 14443:1997 approved



Recyclable



Contact details:

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(1) The cold-bending must be parallel to the ribs of the sheets, never crosswise (risk of buckling)

(2) Fire certificates are limited in time; always check if the mentioned certificate is still valid

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