UltraLite®

UltraLite® MULTIWALL UV2,3/16-16mm

UltraLite® multiwall UV2, 3/16-16 mm is a triple wall polycarbonate sheet of 16mm thickness. It combines high light transmission, good load bearing properties 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 •stations •green houses •conservatories •covered walk ways •car ports , porches, shelters •partition walls •sky lights, barrel vaults, north light glazing •roofing

The sheets are produced with a coextruded UV-protective layer on both sides, which is homogeneously fused with the sheet material. It provides **UltraLite®** Multiwall UV 2 with a highly effective protection against weathering for 10 years.

Technical data

	Typical Values	
Area weight	2.8kg/m2	
Width	1220 & 2100mm	
Length	11800mm	
Min cold bending radius	2400mm	
Light transmission TD65 (UV Absorbing)	Clear	74±3%
	White	45±3%
	Bronze	35±3%
	Blue	35±3%
	Green	40±3%
Total energy transmission g	Clear	69%
Heat transfer co efficient Ug	2.4W/m2K	
Coefficient of thermal expansion α	0.065mm/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(DIN4102)
Weighted sound reduction index	21dB	
Ball Impact performance	Resistance to ball impact (as per DIN 18032 part2) ,including hockey balls	

Silent, Safe, Sustainable PC Sheets –Make in India

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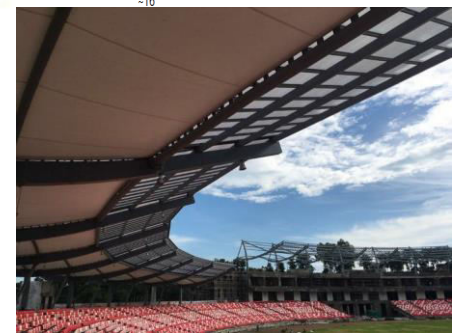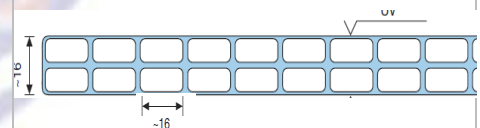
High load bearing
Heat Insulating
Cold bendable
 Light transmission
High impact strength
Both side UV coated
Weathering resistance
BIS 14443:1997 approved

Recyclable

(1)The cold-bending must be parallel to the ribs of the sheets, never cross wise (risk of buckling).
 (2)Fire certificates are limited in time and scope, always check if the mentioned certificate is valid for the purchased Polycarbonate sheet type at the date of delivery. Polycarbonate sheets may change their fire behavior due to ageing and weathering. The indicated fire rating was tested on new/ UN weathered Product in accordance with the indicated fire classification standards, except for Product rated "B1" in accordance with DIN4102.
(3)Heat transfer coefficient Ug according to EN ISO 10077-2

Remark: - All data given in good faith & for normal applications & product usage. For any special purpose or application revert over mail.

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