

ULTRALITE® MULTI UV 5M/32-20

ULTRALITE® multi UV 5M/32-20 is a polycarbonate sheet of 32 mm thickness, with a M-structure for enhanced stiffness. It combines good load bearing properties, excellent thermal insulation, light transmission and excellent weather resistance. The sheet is lightweight, impact resistant and easy to install.

is ideal for

flat glazing applications • conservatories • industrial glazing, sports halls
• partition walls • skylights, north light glazing • Green building roofing, cladding (facades)

The sheets are produced with a coextruded UV-protective layer, which is homogeneously fused with the sheet material. This UV-protected side must be installed facing upwards/outwards. It provides ULTRALITE® multi UV with a highly effective protection against weathering, guaranteed for 10 years.

Technical data

	Typical Values	
Area weight	3.7 kg/m ²	
Width	2100 mm	
Length	11800 mm	
Light transmission TD65 (UV Absorbing)	Clear	45 ±3%
Total energy transmission g	Clear	45 ±3%
Shading Coefficient	Clear	0.54 (calculated)
Heat transfer coefficient Ug	Vertical application	1.2W/ m ² K
	Horizontal application	1.3W/ m ² K
Coefficient 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)
UK	Clear	1Y (B476 , part 7)
France	Clear	M2 (NF P 92501/505)
Weighted sound reduction index	18dB	

Product data sheet 2018

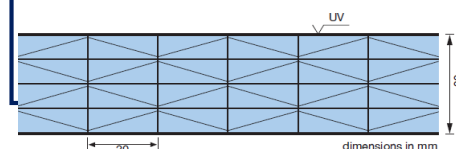
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MULTI WALL POLYCARBONATE SHEET

Silent, Safe, Sustainable PC Sheets – Make in India

Advantages:

Extremely heat insulating
High rigidity
Good load bearing capacity
ISI approved



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