POLYVANTIS

PRODUCT DATASHEET

LEXAN™ GENERAL PURPOSE MWS

DESCRIPTION

LEXAN™ general muti-wall sheets are sheets with a range of high quality, multi-wall polycarbonate glazing sheets extruded from LEXAN™ resin. The complete range offers remarkable impact strength, high light transmission, lightweight, long-term weather resistance and, due to the multi-wall construction, outstanding thermal insulation properties and is 2 sides UV protected. LEXAN™ 2UV sheet grades are available in the standard colors Clear (112), Bronze (515055), Opal White (WH7A092X), Metallic Grey (GY6A744M), Blue (215102), Green (31923), Greenish Blue (21271) & IR Green (GN8B038T).

PRODUCT AVAILABILITY

GRADE NAME**	GUAGE (MM)	STANDARD WIDTH (MM)	AVAILABLE LENGTHS
LT2UV2RS1300	6	2100	11800
LT2UV2RS1500	8	2100	11800
LT2UV2RS1700	10	2100	11800
LT2UV3X2900	16	2100	11800

** Please check our latest product guide for MOQ & Stock (MTI) items

TYPICAL PROPERTY VALUES

GRADE	GAUGE (MM)	STRUCTURE	WEIGHT (KG/M²)	RIB DISTANCE (MM)
LT2UV2RS1300	4	2 wall Rectangular	1.30	6.00
LT2UV2RS1500	6	2 wall Rectangular	1.50	10.00
LT2UV2RS1700	8	2 wall Rectangular	1.70	10.00

UV RESISTANCE

LEXAN™ THERMOCLEAR sheet is essential opaque to all wavelengths below 385 nanometers. This useful shielding property can prevent discoloration of sensitive materials placed under or behind. The complete LEXAN™ THERMOCLEAR sheet range features a proprietary both sides surface treatment designed to protect the sheet against the degrading effects of ultra-violet radiation in natural sunlight. Both sides UV protected surfaces offers advantage in economically cutting the sheet in desired shapes, and installation mistakes are minimized since both sheet surfaces may be faced outwards.

WARRANTY

We offer Ten (10) Years Limited Written Warranty on LEXAN™ THERMOCLEAR sheet covering discoloration, loss of light transmission and loss of strength due weathering. See warranty for exact details.

IMPACT STRENGTH

LEXAN™ THERMOCLEAR sheet has outstanding impact performance over a wide temperature range, -40°C to +120°C, and after prolonged outdoor exposure. As a roof glazing material LEXAN™ THERMOCLEAR 2UV sheet is subjected to the extremes of weather, storms, hail stones, wind, snowfalls, and ice formation. Under these conditions, the product is virtually unbreakable and is able to accommodate the subsequent temperature change to sunny conditions without breaking or buckling. Please refer to the warranty for details.

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Galaxy East Industrial Park
No. 1 Dongyao Street,
Room 1702, 17th Floor, Building C
511455 Nansha District, Guangzhou
Guangdong, PRC
China
T +86-20-28666168
E info.lexan@polyvantis.net

www.polyvantis.com

LEXAN™ POLYCARBONATE FILM & SHEET | Tough, Virtually Unbreakable