

# Makrolon® multi UV 2/4-8 ULTRA light

## Multiwall polycarbonate sheet



**Bayer MaterialScience B-Line**, the basic product line, represents a range of products which meet basic requirements. It is part of the **Makrolon®**-sheet range, the recognized quality brand of a reliable producer. In case you need sheets which meet certain standards, certifications or regulations, please refer to our S-Line of standard products in the **Makrolon®**-sheet range. Or take a look at our I-Line of highly innovative products.

### Description:

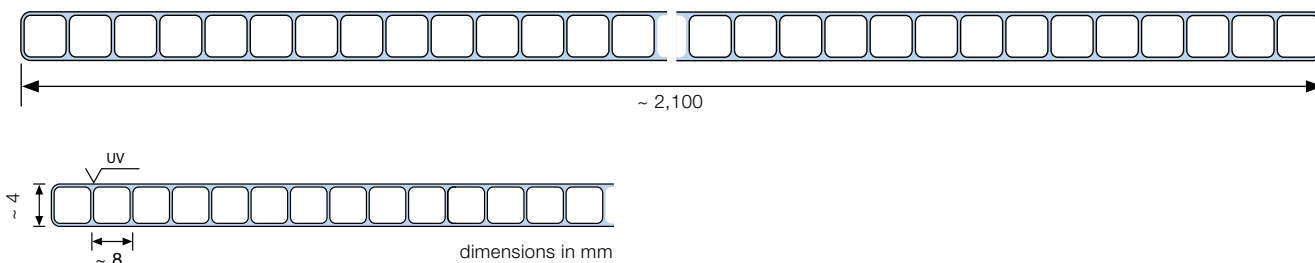
**Makrolon® multi UV 2/4-8 ULTRA light** is a twin-wall polycarbonate sheet in 4 mm thickness. It is lightweight, weather resistant and easy to install. The sheets can be cold bended. **Makrolon® multi UV 2/4-8 ULTRA light** is a cost-effective solution for roof glazing.

### Installation guidelines:

The sheets have a UV-protection on one side for improved weatherability. Always install the sheets with this side facing outwards. Always install the sheets supported and clamped on all 4 sides, with a rebate depth of  $\geq 20$  mm. Ensure that the supporting sub-structure is sufficiently stable.

### Typical applications include:

- greenhouses
- carports and porches
- all kinds of shelters



### TECHNISCHE DATA (TYPICAL VALUES)

Sheet width	2,100 mm
Sheet length*	5,800/ 6,000/ 7,000/ 11,800/ 12,000 mm
Minimum permissible cold-bending radius <sup>(1)</sup>	700 mm
Light transmittance $\tau_{D65}$	
TR (UV-absorbing), clear transparent:	ca. 79%
WH (UV-absorbing), white:	ca. 77%
BR (UV-absorbing), bronze:	ca. 48%
Coefficient of thermal expansion $\alpha$	0.065 mm/m°C
Possible expansion due to heat and moisture	3 mm/m
Max. service temperature	120°C

\* Sheet length is subject to mode of transport type

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

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Warranty statement, December 2011

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*In case you need sheets with an extended warranty, or which meet certain standards, certifications or regulations, please refer to our S-Line of standard products in the Makrolon® sheet range. Or take a look at our I-Line of highly innovative products.*



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