

Product description

Macrolux® Multiwall is a polycarbonate sheet with alveolar structure that provides the product with insulation and resistance. It is protected from ultraviolet rays by co-extrusion of a layer of UV absorbers on the external side

Application

- Translucent tunnels
- Skylights with structure
- Replacing glass in windows
- Greenhouses

Advantage

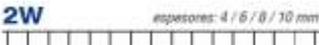
- High transparency
- Thermal insulation
- Energy saving

Range

Thickness */**	Finished	Color *	Sizes*
4 – 6 – 8 – 10 - 16 mm	Smooth	Clear Ice	Width: according to thickness Maximum length recommended : 7 m

* Consult our range of thicknesses, colors and dimensions to Stabilit Europa under minimum order requirements.

Technical characteristics

Thickness	4 mm	6 mm	8 mm	10 mm	16 mm
Sketch					
Structure	2W	2W	2W	2W	5X
Width (mm)	2.100	2.100	2.100	1.220 / 2.100	1.220 / 2.100
Length (mm)	6.000	6.000	6.000	6.000 / 7.000	6.000 / 7.000
Light transmission:					
Clear (%)	82	80	80	80	62
Ice (%)	64	60	60	55	35
Thermal transmittance U (W/m2K)	3,9	3,5	3,2	3,0	2,0
Acoustic insulation (dB)	14	15	16	19	21
Minimum bending radius (mm)	750	1.000	1.200	1.500	2.400
Fire certification	B s1 do	B s1 do	B s1 do	B s1 do	B s1 do

Certificates and specifications:

- Stabilit Europa is distinguished by having the Quality Management System certification according to the ISO 9001 standard in all its processes.
- Fire reaction certificate according to EN 13501-1. Classification obtained: Bs1do.
- 10 years limited warranty (consult Stabilit Europa in cases where it does not apply)

Recommended installation



Fixation system

The fastening system must allow the free expansion of the sheet, therefore rigid fasteners or through bolts are not recommended. Always provide sufficient clearance between the drill and the screw

Structure. Whenever possible, nerves should be provided in the direction of the maximum slope of the sheet, thus ensuring the minimum accumulation of dust.

The sheets require a longitudinal and / or transverse support structure that can be of any nature or geometry. In modulation, the maximum dimensions of the sheet must be respected according to its thickness and loads to be supported and compatible with a suitable cutting.

Implementation and manipulation

The sheets are protected by a film on both sides indicating the face protected from solar radiation.

When it is necessary to seal the joints, the compatibility of the polycarbonate with the sealant should be ensured (neutral silicone is recommended).

It is essential to cover the cells to prevent the entry of dust inside the sheet. It is recommended to place aluminum tape at the ends: smooth, at the top and porous, which allows the condensation water to escape at the bottom.

If you need to drill the sheet you must use fastening buttons



Security

Do not step on the sheet. The **sheets are not passable**