

MULTICLEAR®
POLYCARBONATE MULTIWALL
OUR SOLUTION FOR MANY OF YOUR
APPLICATIONS

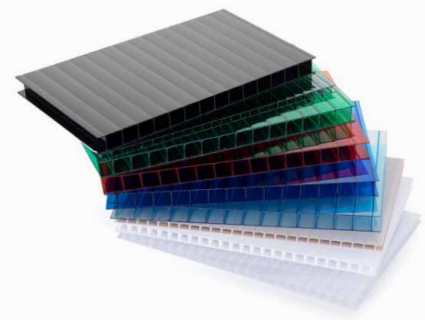


MULTICLEAR® POLYCARBONATE MULTIWALL

Our solution for many of your applications

MULTICLEAR® multiwall polycarbonate sheets offer various possibilities for building and construction applications but also internal cladding, point of sale and advertising. Since 2005, Arla Plast has invested in the production of MULTICLEAR®, a range of high quality extruded polycarbonate multiwall sheets.

Our MULTICLEAR® production facility is equipped with the latest extrusion technology, specifically designed to ensure high-quality production and provide flexible services optimized for our multiwall range.



Benefits

- More than **200x** impact strength of glass
- Excellent **light transmission**
- Virtually **unbreakable**
- **UV protection**
- Solar (heat) protection available
- Good sound **insulation properties**
- **10-year** limited warranty

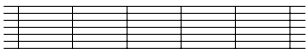
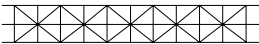
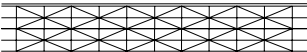
MULTICLEAR® is available in different **thicknesses** and **structures** and standard available in **clear**, **opal** and **bronze**.

Any colour is also possible on request.

All types are also available as:

- **SOLAR CONTROL:** engineered for optimized light and heat management — available in **Transparent, OpalCool, Green** and **Grey**.
- **ULTRA:** tailored weight variants ensuring high light transmission — available in low- and high-weight versions.
- **Recycled Polycarbonate:** made primarily from recycled materials — without compromising optical or mechanical performance.
- **Hail Resistant (HR):** highly hail-resistant, VKF-tested sheets combining outstanding impact strength and weather resistance.
- **UV Protection:** available with single- or double-sided UV protection — designed for long-term outdoor durability.

MULTICLEAR® product range

Product	Nominal Sheet Thickness [mm]	Rib distance [mm]	U-value [W/(m²·K)]	Nominal Mass per Unit Area [g/m²]	Width [mm]	Minimum bending radius [mm]
Multiclear® Box 2Wall 	4	6	3,9	800	980 - 2100	600
	6	6	3,5	1200 - 1300		900
	6	10	3,5	1200 - 1300		900
	8	10	3,2	1500		1200
	10	10	3,0	1500 - 1700		1500
Multiclear® Box 2Wall HG 	16	31	2,8	3600	980 - 1200	n.a.
Multiclear® Box 3Wall 	16	20	2,3	2500 - 2700	980 - 1250	2400
Multiclear® Box 7Wall 	16	16	1,8	2500 - 2700	980 - 2100	2400
	20		1,6	2800 - 3000		3000
Multiclear® 5X 	10	10	2,5	1500 - 1700	980 - 2100	1500
	16		2,0	2400 - 2700		2400
	20		1,8	2800 - 3000		3000
	25		1,6	3200 - 3400		3750
Multiclear® STRONG 6Wall 	10	10	2,2	1500 - 1700	980 - 2100	1500
	16		1,9	2500 - 2700		2400
Multiclear® 11Wall 	25	20	1,4	3000 - 3400	980 - 2100	3750
	32	20	1,2	3600 - 3700		4800

Tapes:

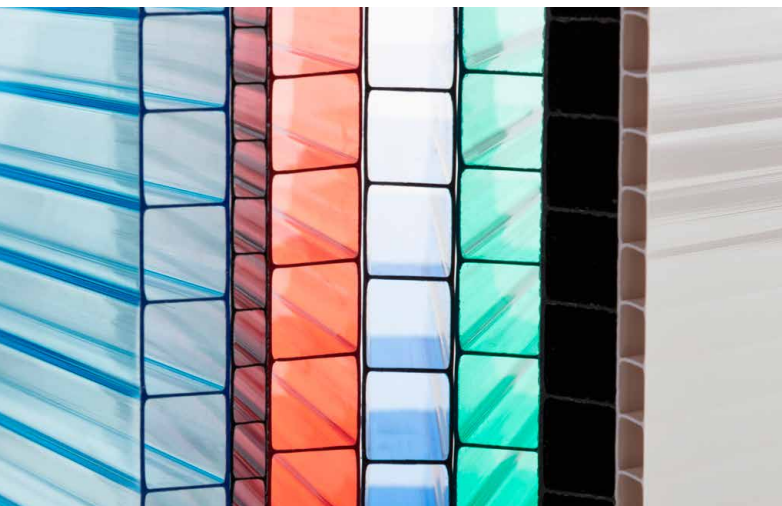
Transport tape, solid aluminium, solid breathable tape, or perforated breathable tape can be applied, with any dimension available upon request.

Applications:

MULTICLEAR® is suitable for various applications in **industrial, public, and private buildings**.

Applications include:

- **Building Applications:** roof lights, facades, skylights, conservatories, carports, domes, smoke vents, swimming pool covers, etc.
- **Packaging:** Pallet shields and protective covers for fragile items.
- **Advertising & design:** illuminated signs, POS elements, neon boxes.
- **Agriculture & industry:** greenhouses, farm buildings, protective covers.





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