

POLYCARBONATE GLAZING



MULTI-WALL POLYCARBONATE

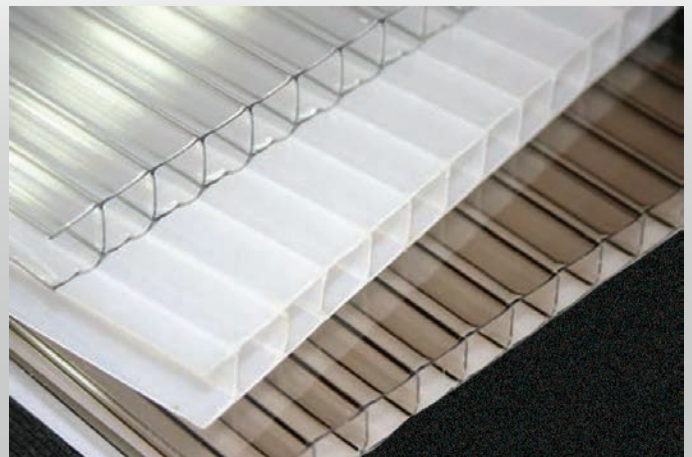


IDEAL FOR APPLICATIONS THAT REQUIRE SUPERIOR STRENGTH IN A LIGHTWEIGHT SOLUTION.

Honeycomb structured polycarbonate glazing provides a high degree of light transmittance while blocking harmful ultraviolet rays.

It is widely recognized as a leading solution for many roof and sidewall glazing applications including domestic conservatories, commercial greenhouses, stadiums, factory roof lights, walkways, canopies and industrial premises.

This material features a unique design that provides advantages over glass options for aluminum doors and Thermacore® full view sash sections. It's light weight ensures less wear and tear on the door while providing an extremely strong structure.



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Benefits

- **Structural design strength** is 10 times stronger than acrylic and 200 times stronger than glass
- **High energy efficiencies**; the unique honeycomb design minimizes heat loss
- **Allows light through** while providing more privacy than glass
- **Provides UV protection** and anti-drip/anti-fog coating
- **Lightweight, flexible material** – lightweight means less wear and tear on the door sections and hardware
- **Aesthetically pleasing**; available in Clear, White or Bronze. Match with our White or Bronze powder coat finishes to provide a high performance, high-end look to any facility

Common applications

- Retail
- Auto dealerships
- Auto repair and detail shops
- Fire stations
- Distribution centers
- Diagnostic centers
- Greenhouses

The glazing is available as either vertical or horizontal.

Product technical data

Models	Thermacore® Door Series: 591, 592, 593, 594, 596, 599, 850; Aluminum Door Series: 511, 521
Thickness and construction	1/4" – twin-wall 3/8" – twin-wall 5/8" – triple-wall
R-value*/U-value	1/4" – 1.61/.62 3/8" – 1.87/.53 5/8" – 2.56/.40
Colors	Clear, White, Bronze
Warranty	10 year warranty against yellowing and 5 year warranty against breakage caused by hail

* R-value is a measure of thermal efficiency. The higher the R-value the greater the insulating properties of the door. Overhead Door uses a calculated door section R-value for our insulated doors.



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