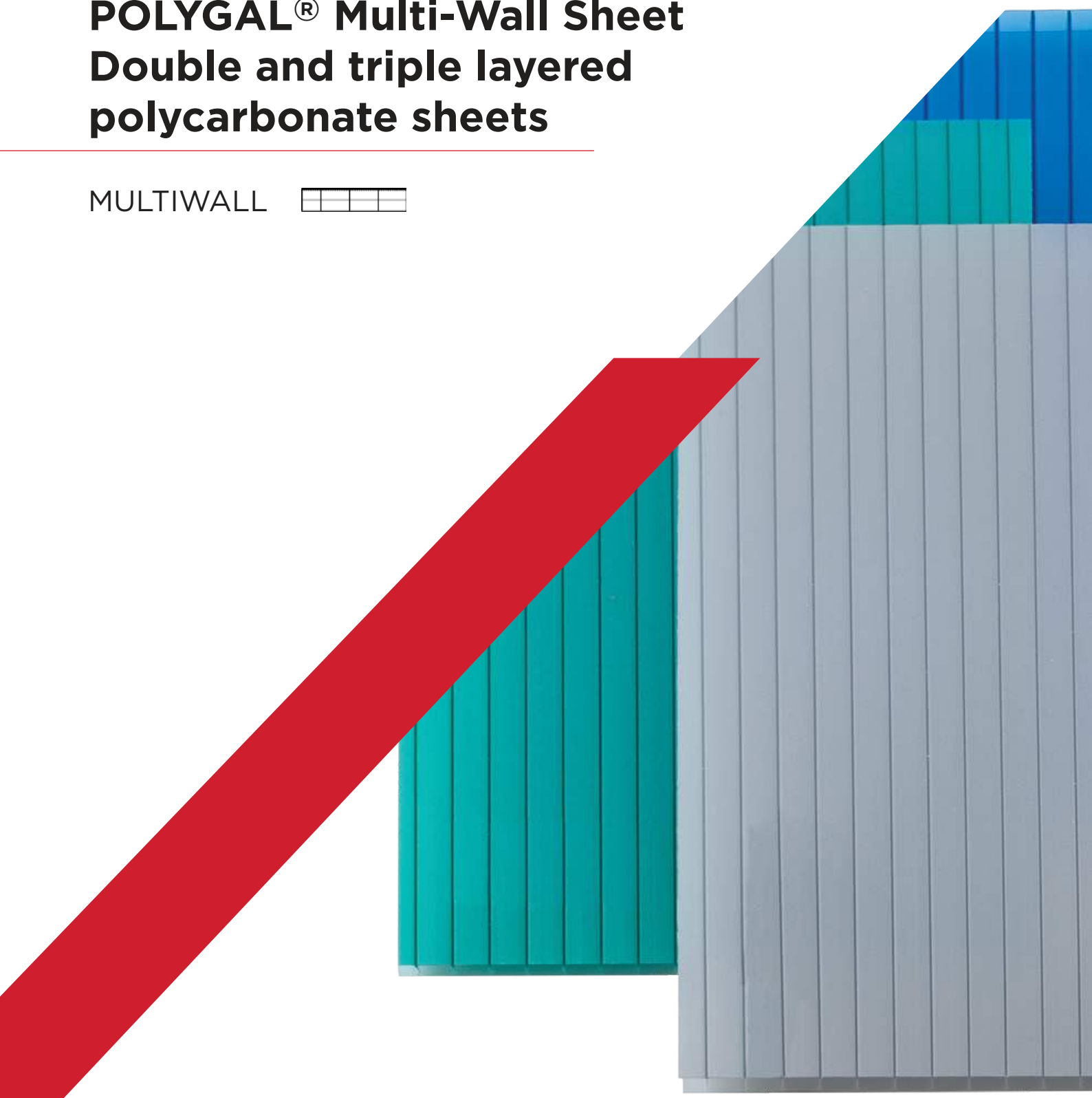


# PLASKOLITE

**POLYGAL® Multi-Wall Sheet**  
**Double and triple layered**  
**polycarbonate sheets**

---

MULTIWALL 





## DOUBLE AND TRIPLE LAYERED POLYCARBONATE SHEETS

### DESCRIPTION

Double and triple layered sheets, manufactured in various colors and degrees of transparency, designed for use in most conventional roofing and glazing applications. The sheets are manufactured with different thickness, ranging from 4 to 16 mm.



## PROPERTIES

Combines endless design possibilities with many important advantages:

- Thermal insulation
- High Impact
- Lightweight and easy to install
- Rigid sheet structure provides strength under wind and snow loads

## APPLICATIONS



Swimming pools



Car parking structures



Verandas, pergolas


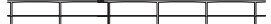


Partitions



Canopies

# TECHNICAL SPECIFICATIONS

Product	Structure	Thickness (mm)	Weight (g/m <sup>2</sup> )	Standard Width (mm)	Minimum Radius for Cold Bending Arches (m)	U-Factor* (W/m <sup>2</sup> x °C)	Light Transmission (%)**		
							Clear	ICE	Bronze
Double and triple layered sheets		4	800	980 1050 1200 1220 1250 2100	0.70	3.9	82	32	42
		6	1300		1.05	3.6	80	32	42
		8	1500		1.40	3.3	80	32	42
		10	1700		1.75	3.0	79	32	42
		16	2700		2.80	2.3	72	32	42

| \* ASTM C177 TNO | \*\* ASTM D1003

Standard Sheet Length: 6/12 m. Other colors on request.

Service Temperature:

-40°C - 120°C for short time service

-25°C - 85°C for prolonged service

Thermal Expansion: 2.5 mm/m for Clear, Ice, NGL, 4.5 mm/m for dark colors ( $\Delta T = 80^\circ C$ )

Cold bending can be done only in the direction of the ribs, never parallel to the ribs.

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use are beyond our control. We recommend that the prospective user determines the suitability of our materials and suggestions before adopting them on a commercial scale.

© 2022 PLASKOLITE, LLC 14092022  
POLYGAL® is a registered trademark of PLASKOLITE LLC

## PLASKOLITE

400 W Nationwide Blvd, Suite 400  
Columbus, OH 43215  
800.848.9124 • Fax: 877.538.0754  
plaskolite@plaskolite.com  
www.plaskolite.com