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Quality Polymer Solutions

# Multiwall Polycarbonate Greenhouse Solutions

Apex<sup>®</sup> Polymer Solutions (Pty) Ltd\*

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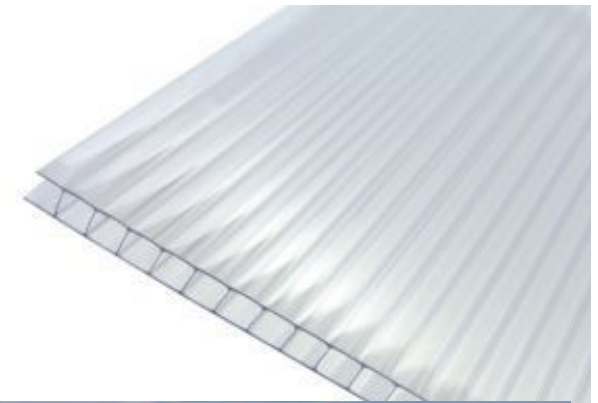
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*\*Previously trading as Perspex SA*

# The Art of Light Management

Multiwall sheeting is a **lightweight insulating glazing** material manufactured from **damage resistant** polycarbonate. Added **long-life protection** provides **resistance** against the effects of **UV weathering**. Available in a range of thicknesses, structures and options for a wide range of roofing, cladding and glazing applications.






# Major Benefits:

- Energy saving
- Controlled daylight transmission
- Optically clear
- Excellent structural durability, virtually unbreakable
- Thermally insulating
- Damage and impact resistant
- Lightweight and easy to handle & install
- Weather and UV resistant
- Environmentally friendly



# Maximizing Natural Light and Thermo-insulation all year round!

MULTIWALL Polycarbonate - Greenhouse solutions

MECHANICAL AND THERMAL PROPERTIES								
Product	Structure	Thickness (mm)	Weight (g/m <sup>2</sup> )	Minimum Radius for Cold Bending Arches (m)	U-Factor* (W/m <sup>2</sup> x °C)	Light Transmission (%)**		
						Bronze	Clear	Ice
DOUBLE AND TRIPLE LAYERED SHEETS		6	800	0.7	3.9	42	82	32
			1300	1.05	3.6	42	80	32
		8	1500	1.4	3.3	42	80	32
			10	1700	1.75	3.0	42	79
		16	2700	2.8	2.3	42	72	32

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



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Available from Apex:

- 5mm, 6mm and 10mm and up is on request
- Clear, Bronze, Grey, Ice (others on request)
- Standard sheet size - 5850 x 2100
- Lead time of 12-14 weeks unless a forecast is received, in which case we ensure we have your stock on hand.
- For bigger projects - direct full container loads, directly to your premises



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