

# Thermogal 20 mm Multi Wall Polycarbonate Sheets

Thermogal 20mm sheets combine highly effective thermal insulation with extra strength for low pitch roofing. Unique inner X- brace structure provides extra - strength, rigidity and outstanding insulation. Available in different widths and colors. Ideal for low pitched roofs and for glazing in closed structures with large - span openings.



- Suitable for cold climates - extremely low U-Factor
- Save on heating energy costs
- Bright, transparent look, large range of colors, shades and reflective coatings.
- Covered by 10 Year Warranty for color, light transmission and strength
- Best insulation performance during cold winter nights
- Rigid sheet structure provides extra strength under wind and snow loads.



Weight (g/m <sup>2</sup> )	Standard Width (mm)	Standard Length (m)	Min. radius for cold bending (m)	U-Factor by ASTM C177 (W/m <sup>2</sup> ·°C)	Light Transmission by ASTM D1003 (%)		
					Clear	Bronze	Ice
3000	2100 1220	6 12	3.6	1.9	57	20	20

Polygal is the leading manufacturer of multiwall and solid polycarbonate and polypropylene sheets and profiles, and is known throughout the world for the outstanding quality of its products. Polygal was the first manufacturer in the world to create multiwall polycarbonate sheets, and over the last 35 years has developed and produced a broad spectrum of these products, which are successfully covering a full array of structures worldwide.

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# Thermogal 25 mm



## Polygal Multiwall Polycarbonate sheets

- Suitable for cold climates - extremely low U-Factor
- Save on heating energy costs
- Bright, transparent look, large range of colors, shades and reflective coatings
- Covered by 10 Year Warranty for color, light transmission and strength
- Best insulation performance during cold winter nights
- Rigid sheet structure provides extra strength under wind and snow loads



Thermogal 25mm sheets combine highly effective thermal insulation with extra strength for low pitch roofing. Unique inner X - brace structure provides extra - strength, rigidity and outstanding insulation. Available in different widths and colors. Ideal for low pitched roofs and for glazing in closed structures with large - span openings.

### Technical Specifications

Weight (g/m <sup>2</sup> )	Standard Width (mm)	Standard Length (m)	Min. radius for cold bending (m)	U-Factor by ASTM C177 (W/m <sup>2</sup> ·°C)	Light Transmission by ASTM D1003 (%)		
					Clear	Bronze	Ice
3500	2100 1220	6 12	4.4	1.7	57	20	20

Plazit Polygal Group is the leading manufacturer of multiwall and solid polycarbonate and polypropylene systems, sheets and profiles, and is known throughout the world for the outstanding quality of its products. Polygal was the first manufacturer in the world to create multiwall polycarbonate sheets, and over the last 40 years has developed and produced a broad spectrum of these products, which are successfully covering a full array of structures worldwide.

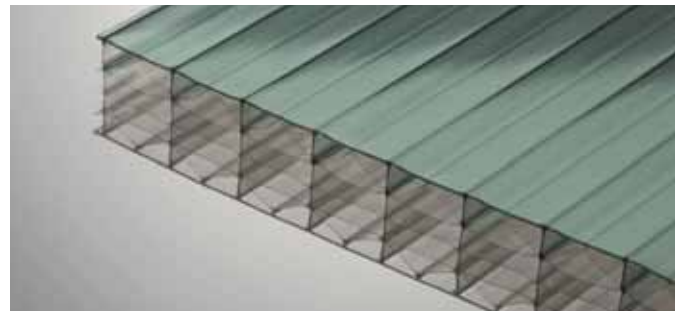
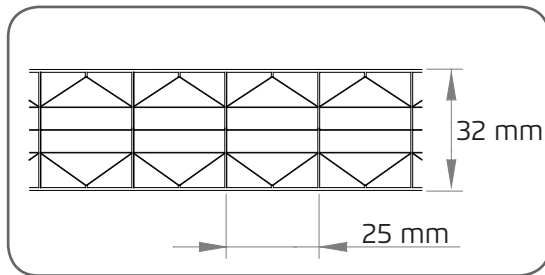
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# Thermogal 32 mm



## Polygal Multiwall Polycarbonate Sheets

- Excellent Insulation
- Controlled Daylight Transmission
- Virtually Unbreakable
- Flame Retardant
- Flexible and Easy to Install
- Lightweight
- UV Blocking Layer
- Energy Saving
- Environmentally Friendly

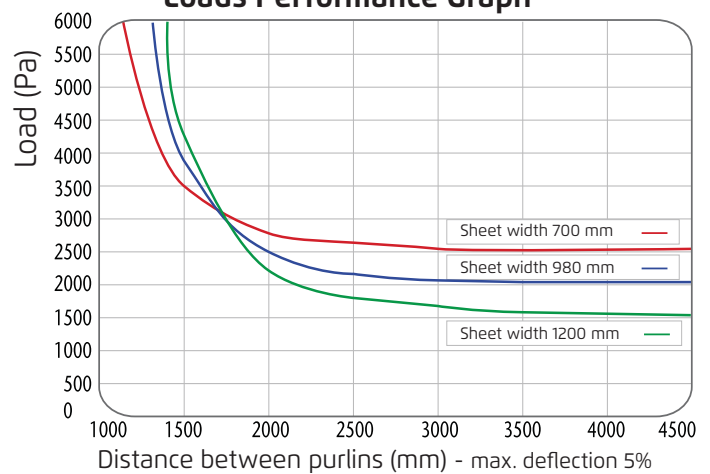


## Technical Specifications

Thickness	Weight	Standard Width	Standard Length	Min. radius for cold bending	U-Factor	Light Transmission by ASTM D 1003
32 mm	3800 g/m <sup>2</sup>	1250 mm	12000 mm	4400 mm	1.3 W/m <sup>2</sup> • °C	Clear: 50% Spring 44% Silhouette Pearl 45%
(1-1/4")	0.78 lbs/ft <sup>2</sup>	47.25"	36'	173"	0.25 BTU/h/ft <sup>2</sup> /F	

A 32 mm Thermogal Polycarbonate Multiwall Sheet, specially manufactured with a clear tint appearance. This product provides excellent thermal insulation and is highly flexible yet virtually unbreakable. With a unique inner X-brace multi-layer structure, this product provides extra strength, rigidity and outstanding insulation. Ideal for low pitched roofs, cladding and glazing in closed structures with large-span openings and high insulation requirements.

### Loads Performance Graph



Polygal is the leading manufacturer of structured Polycarbonate sheets, and is known throughout the world for the outstanding quality of its products. Polygal was the first manufacturer in the world to create structured Polycarbonate sheets, and over the last 35 years has developed and produced a broad spectrum of these products, which are successfully covering a full array of structures worldwide

### Plazit Polygal Group

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