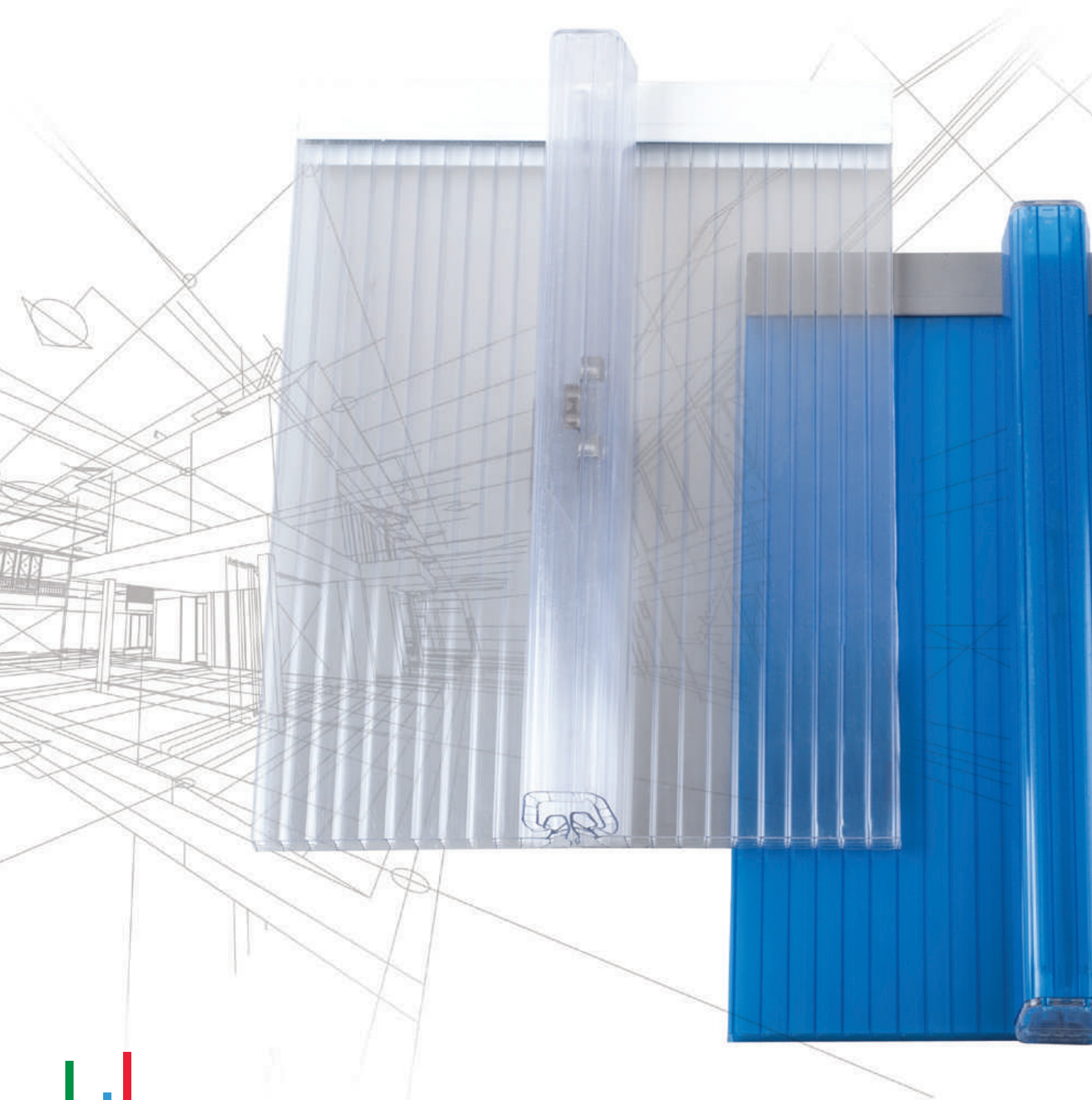


# TOPGAL

## MULTIWALL STANDING SEAM PANEL SYSTEM

MULTIWALL 





# TOPGAL - MULTIWALL STANDING SEAM PANEL SYSTEM

## DESCRIPTION

Topgal is a PC multi-wall standing seam panel system suitable for the roofing and coverage of many types of building.

Topgal's unique multi-wall structure, with its relatively low weight, enables the optimum light transmission and provides excellent thermal insulation.

Topgal standing-seam panel connections prevent water from collecting and penetrating into buildings and provide high structural strength and superior rigidity of the system in accordance with required standards.

The Topgal panel system includes all the necessary accessories for installation.

The system is easy to assemble on-site, provides positive and negative wind-load resistance.

Topgal polycarbonate panels are available in thicknesses of 6, 8, 10, 16 and 20 mm, and in two standard panel widths – 600 mm and 998 mm.



## PROPERTIES

The Topgal system manufactured by the Plazit-Polygal group is ideal for installation in public buildings, sports facilities, transportation hubs and the interior spaces and has following advantages

- Available in standard colors as well as special color layers that selectively reflect solar radiation
- Rigid structure provides strength under wind and snow loads
- Waterproof
- Standard Topgal panels can have UV protection on both sides or on tooth side, upon customer request
- Covered by 10 Year Warranty for color, light transmission and strength
- The system uses the technical support of professional designers and builders

## TECHNICAL SPECIFICATIONS

Product	Structure	Thickness (mm)	Weight (g/m <sup>2</sup> )	Dead Load (mm)	Minimum Radius for Cold Bending Arches (m)	U-Factor* (W/m <sup>2</sup> x °C)	Light Transmission (%)**		
							CLR	ICE	BRZ
Topgal		6	600	2.0	1.2	3.1	65	20	30
		8	600	2.2	1.8	2.4	65	20	30
		10	600	2.5	2.0	2.1	65	20	30
		16	600	3.3	3.2	1.9	60	20	30
		16	998	3.3	3.2	1.8	50	20	30
		20	998	3.5	4.0	1.5	47	20	30

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

Standard Sheet Length: 5.8/11.8 m. Other colors on request.

Service Temperature:

-40°C – 120°C for short time service

-25°C to +85°C for prolonged service

Thermal Expansion: 2.5 mm/m for Clear, Ice, NGL, 4.5 mm/m for dark colors (ΔT=80°C).

## TOPGAL Installation Accessories

Topgal system is fully equipped with all the necessary components for quality and reliable coverage.

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The panel system "Topgal" is fully equipped with all the necessary components for quality and reliable coverage. All component parts have passed a full cycle of tests for quality and compatability with polycarbonate.

NN	Item	Function	Cat. No	Description
1		TOPGAL PANEL		Maximum panel length for export is 11.80m
2		PC CONNECTOR	#240	Color: panels matched
3		FASTENER	#534 – 6 mm #530 – 8 mm #531 – 10 mm #532 – 16 mm #533 – 20 mm	Stainless Steel
4		CONNECTOR END CAP	#525	Polycarbonate Color: clear
5		ALUMINUM EDGE PROFILE	#327 – 6 mm #311 – 8 mm #312 – 10 mm #313 – 16 mm #328 - 20 mm	Length 6 m
6		FASTENER SCREW	#431 -(for metal structures) #436 -(for wood structures)	Philips #10 / 5/8" Philips #10 / 1"
7		PC SIDE PROFILE	#245 – 6 mm #241 – 8 mm #242 – 10 mm #243 – 16 mm #244 - 20 mm	Color: panels matched
8		STOPPER	#554 – 6 mm #550 – 8 mm #551 – 10 mm #552 – 16 mm #553 – 20 mm	Stainless Steel
9		ALUMINUM CONNECTOR	#360	Length 6 m
10		ANTI DUST TAPE	#508 - 6-8 mm #509 – 10-16 mm #510 - 20 mm	Roll length 33m
11		ALUMINUM SIDE PROFILE	#361	Length 6 m
12		GAP SEALING -FOAMED PE	527 (8-10 mm panels) #526 (16-20 mm panels) #528 (all panels)	Length 1802 mm Length 2000 mm

DISCLAIMER: The data in this advertisement are provided in good faith and constitute general information without commitment and no warranty is given or implied. Our plastics products are a combustible thermoplastic that complies with various international standards, as customary in each country. Avoid exposure to excessive heat or aromatic cleaning solvent. Normal fire precautions should be taken to protect against combustion.

**Plazit Polygal Group**

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