



TOPGAL MULTIWALL STANDING SEAM PANEL SYSTEM

- » This standing seam system is suitable for roofing and various structures
- » The unique material is low weight and provides optimal light transmission and thermal insulation
- » Connections prevent water from collecting and penetrating the structure
- » High structural strength and superior rigidity, meeting standard requirements
- » All required accessories for installation are included
- » Easy on-site assembly
- » Rigid structure provides strength for wind and snow loads
- » Waterproof
- » UV protection one or two sides
- » Available in standard thickness 6, 8, 10, 16 and 20mm (0.236", 0.315", 0.394", 0.630", 0.787")
- » Limited Ten (10) year product warranty against loss of light transmission, yellowing and impact

TECHNICAL SPECIFICATIONS

Product	Structure	Thickness (mm/in)	Weight (g/m ² / lbs/ft ²)	Dead Load (mm/in)	Minimum Radius for Cold Bending Arches (m/ft)	U-Factor* (W/m ² x °C BTU/hr-ft ² -°F)	Light Transmission (%)**		
							CLR	ICE	BRZ
Topgal		6/0.236	600/0.12	2.0/0.079	1.2/3.9	3.1/0.55	65	20	30
		8/0.315	600/0.12	2.2/0.087	1.8/5.9	2.4/0.42	65	20	30
		10/0.394	600/0.12	2.5/0.098	2.0/6.6	2.1/0.37	65	20	30
		16/0.630	600/0.12	3.3/0.13	3.2/10.5	1.9/0.33	60	20	30
		16/0.630	998/0.20	3.3/0.13	3.2/10.5	1.8/0.32	50	20	30
		20/0.787	998/0.20	3.5/0.14	4.0 /13.1	1.5/0.26	47	20	30

| * ASTM C177 | ** ASTM D1003

Standard Sheet Lengths: Max length 39'

Service Temperature Range: -40°C to +120°C (-40°F to +248°F) for short time service, -25°C to +85°C (-13°F to 185°F) for prolonged service.

Coefficient of linear expansion: 6.65•10⁻⁵ cm/cm•°C, 3.75•10⁻⁵ in/in•°F

* Dead Load is a weight of 1m2 of TOPGAL system, includes installation accessories

TOPGAL INSTALLATION ACCESSORIES

The TOPGAL system is equipped with the necessary components that are proven to be compatibility with mutiwall polycarbonate sheets.

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 Foam	#41525	35/30/600 mm

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.

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