



BRINGS NATURE IN

# Triple-Clip



# Triple-Clip 5/8" 16mm

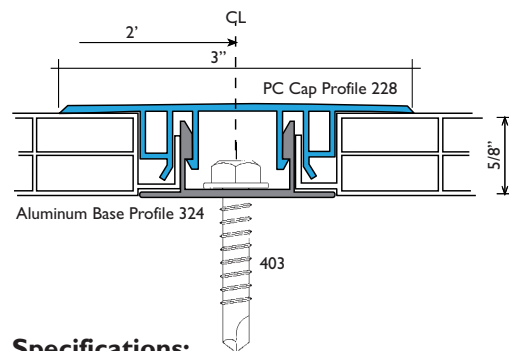
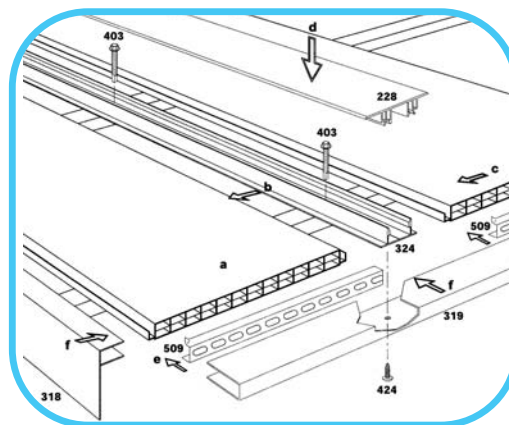
## Panel Glazing System

- Large, flat roofing surfaces.
- Easy assembly using concealed screws.
- Free thermal expansion by sliding-inprofile configuration.
- Especially recommended for roofing, vertical walls and D.I.Y.

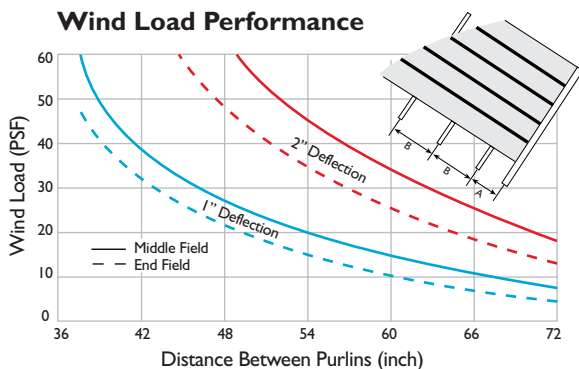
### Installation

After installation of the purlin structure, with distance between purlins according to the load graph, it is recommended to fasten the panel system by the following steps:

- Place the first panel (in some cases cut to size) on the purlin structure.
- Place an aluminum base profile **324** adjacent to the panel and fasten it with screws **403** to the purlins. If a length of more than 20' is needed, fasten the ends of the profile to the center of the purlin closest to the end of the first profile.
- Place the next panel adjacent to the remaining open side of the base profile **324**.
- Fasten the PC cap profile **228** to the base profile (over the two panels) using hand pressure or a wooden block and a rubber mallet. Advance in small steps to ensure complete interlocking.
- It is recommended to wrap the panel end with anti-dust Aluminum tape **509**.
- Fasten a side "F" profile **318** and "U" profile **319**, according to the sketch on the right.



### Wind Load Performance



### Ordering information

Triple-Clip system is provided as a solution for covering roof and wall areas. To order components, first divide the roof area into length-wise strips with a width of 2 feet. Screws should be ordered according to purlin space calculation.

- Polycarbonate Cap Profile **228** • Polygal Triple-Clip Panel
- Aluminum Base Profile **324** • Screw #12-1 Polygal **403**

POLYGAL Plastics Industries Ltd. Ramat Hashofet 19238, Israel  
Tel: 972-4-9596222, Fax: 972-4-9596284, E-mail: sales@polygal.co.il  
Web site: www.polygal.com

POLYGAL Inc., P.O. Box 410592, Charlotte, NC 28241 USA  
Tel: 1 704 588 3800, Fax: 1 704 588 7400, E-mail: usasales@polygal.com  
Web site: www.polygal.com

Technical Support E-mail: techsupport@polygal.com

### Specifications:

Color Availability	Clear; Bronze, Ice	
Weight	Sheet Only 0.55 lb/ft <sup>2</sup> With Profiles 0.69 lb/ft <sup>2</sup>	
Sheet Thickness	5/8"	
Minimum Cold Bending Radius	13'	
Panel Width	23.07"	
Modular Width	2'	
Standard Length*	24'	
U-Factor Winter Night	0.405 Btu/ (h•ft <sup>2</sup> •°F)	
Light Transmission:	Clear;	70%
ASTM D-1003 (%)	Bronze, Ice	42%, 32%
Maximal Thermal Expansion	Clear;	1/8" per 3'
Recommended Minimum Roof Slope	Bronze, Ice	1/4" per 4'
Impact Resistance (ASTM D-5628)	2.19 ft•lb <sub>f</sub> (5mm tip diameter)	

\* Other lengths upon special order:

Polygal is the leading manufacturer of structured Polycarbonate panels, 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 panels, and over the last 30 years, has developed and produced a broad spectrum of these products, which are successfully covering a full array of structures worldwide.



Always look for the original sign

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