

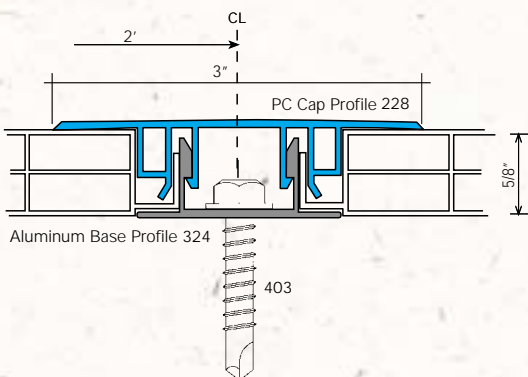
## TRIPLE-CLIP PANEL GLAZING SYSTEM

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

### Installation

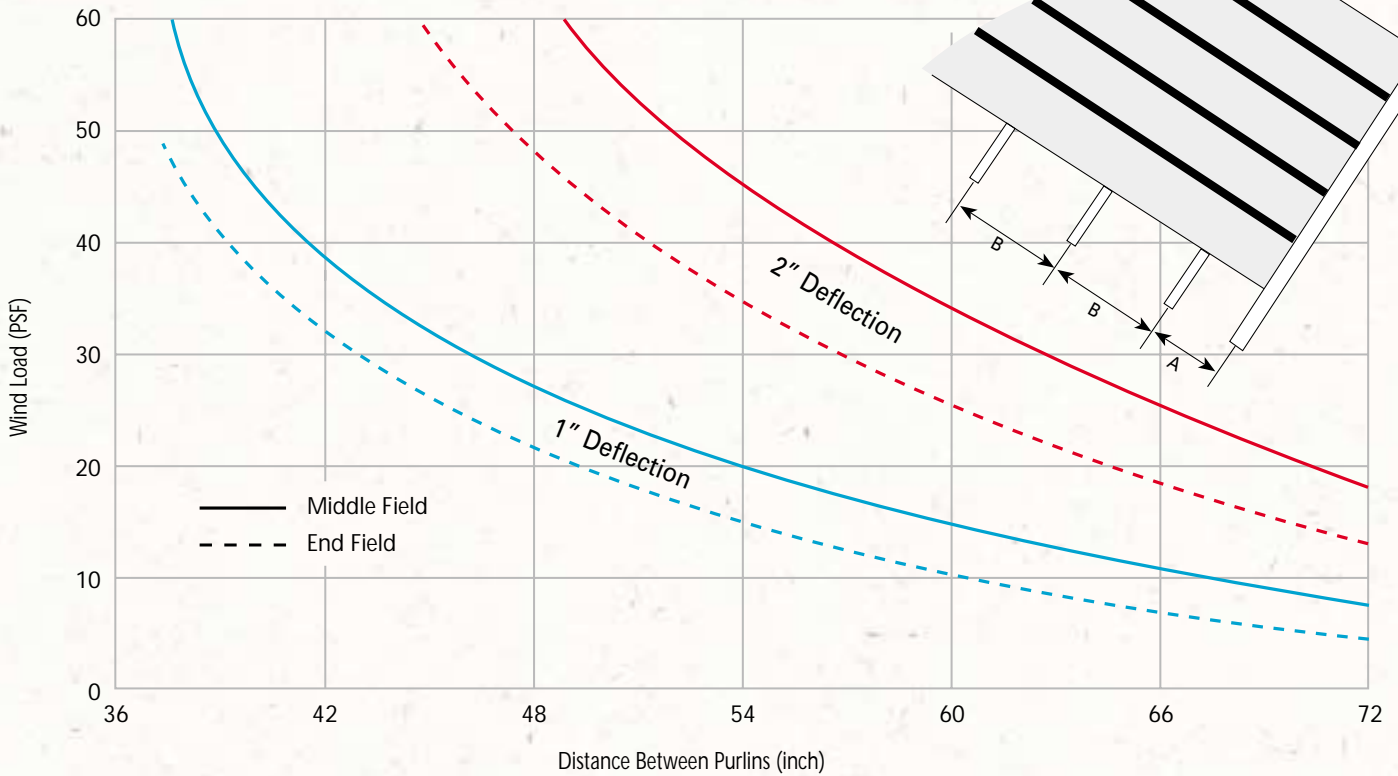
After installation of the purlin structure, with distance between purlins according to the load graph, it is recommended to fasten the panel system by the following steps:

- 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 above sketch.



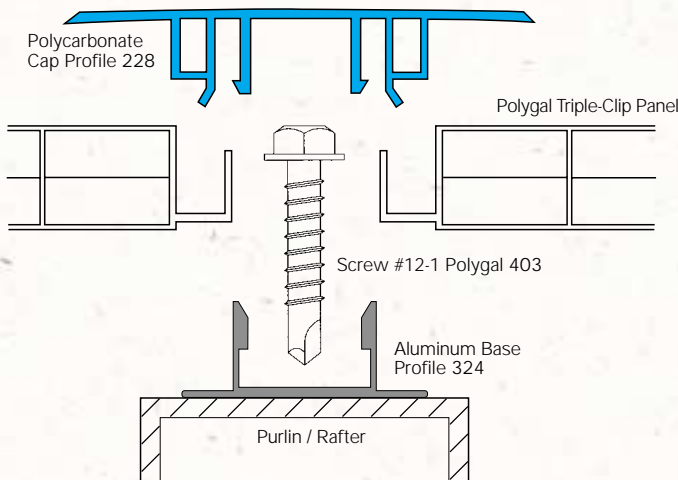
POLYGAL® TRIPLE-CLIP™  
16mm

## Wind Load Performance



## Ordering Polygal Triple-Clip System Components

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.



## 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: ASTM D-1003 (%)	Clear, Bronze, Ice	70%, 42%, 32%
Maximal Thermal Expansion	Clear, Bronze, Ice	1/8" per 3', 1/4" per 4'
Recommended Minimum Roof Slope	6°	
Impact Resistance (ASTM D-5628)	2.19 ft•lb <sub>f</sub> (5mm tip diameter)	

\* Other lengths upon special order.

The leading manufacturer of structured polycarbonate panels, Polygal is known throughout the world for the outstanding quality of its products. Polygal was the first manufacturer in the world to create multi-layer polycarbonate panels, and over the last 25 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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