



Finishes You've Never Seen Before®

SUNSKY® 2.67

7/8" Corrugated Polycarbonate



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SPECIFICATIONS:

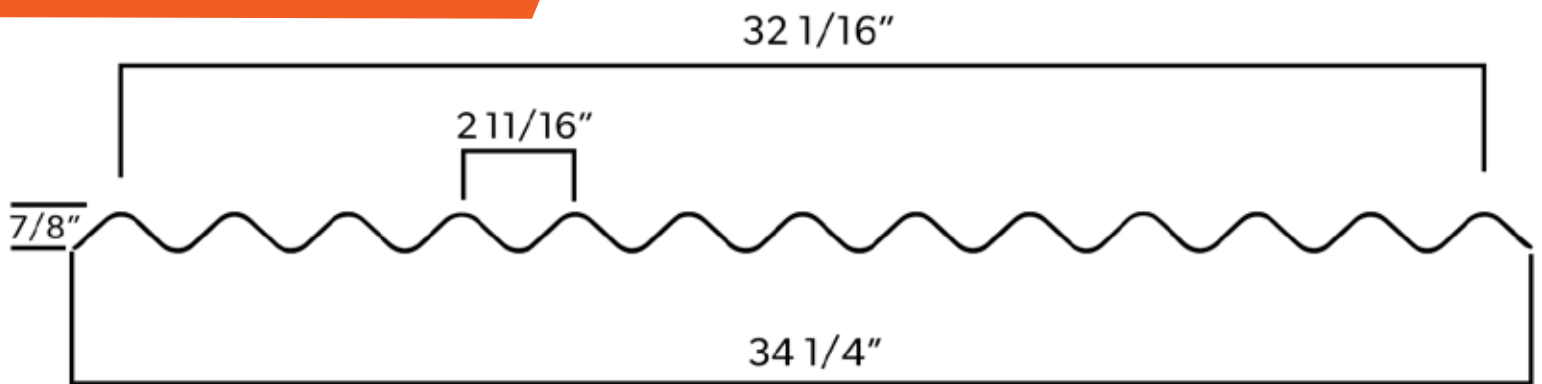
Profile Type:	7/8" Corrugated
Color:	White Opal <i>(Clear Panels Available Upon Request)</i>
Depth:	7/8"
Rib Distance (Pitch):	2.68" Pitch
Thickness:	0.8mm <i>(Custom thickness upon request)</i>
Length:	12'-0" <i>(Custom lengths upon request)</i>
Overall Width:	34.25"
Net Coverage After Overlap:	32.1"

MAXIMUM ROOF SPAN (INCHES)		
Load (lb/ft ²)	.03" (0.8mm) thickness	
	End Span	Mid Span
15	28	38
25	23	31
40	20	27
60	18	24

NOTES ABOUT MAXIMUM ROOF SPANS

- The specified dimensions do not supersede the requirements of local construction codes.
- The given spans are according to deflections criterion of L/20, and minimum slope of 10%.
- The maximum roof spans are based on calculation model and practical testing.
- The mentioned load refers to wind and snow load only.
- For vertical application spans can be increased by 10%.

PROFILE:



FASTENER AND WASHER SPECIFICATION FOR THIS PROFILE

Valley Fixing	Crest Fixing	Side Lap Stitching
Not applicable for this profile.	Self-drilling 1/4" (6mm) x 2" (51mm) screw with 19 mm diameter- galvanized / aluminum / stainless metal washer attached to EPDM rubber gasket of 55 to 65 shore hardness.	1/4" (6mm) x 1" (25mm) grommet seals or 1/4" (6mm) x 1" (25mm) self tapping screw with 19mm diameter galvanized / aluminum / stainless metal washer attached to EPDM rubber gasket of 55 to 65 shore hardness.



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FASTENING AND FASTENER LOCATIONS

- Apply sealing tape over the SUNSKY panel sidelap corrugation crests, where covered by the next panel.
- Apply sealing tape along the bottom and top end-lap (if there is one), along screw center line or two tapes on both sides of screw center line.
- Pre-drill 3/8" holes where screws are positioned.
- Fasten the screws according to the fastening illustrations below, starting from the first side-lap through, the pre-drilled holes.
- Fasten the Side Lap Stitching Screws or Grommets at every 12-16 inches (Fig. 4 or 5).
- Figure 1: End Purlin fastening schedule.
- Figure 2: intermediate Purlin fastening schedule.
- Figure 3: Side Lap Screw at corrugation crown
- Figure 4: Side Lap Stitch Screw only, in between purlins so that 12-16 inch spacing can be achieved.
- Optional Grommet only, in between purlins so that 12-16 inch spacing can be achieved.



DO NOT OVER - TIGHTEN!
Washers should be perpendicular to purlin, and tightened to the point where they are firmly seated, but not bulging.

Fig. 1



Fig. 2



Fig. 3

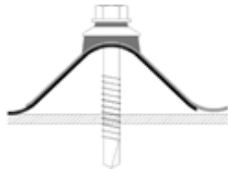


Fig. 4

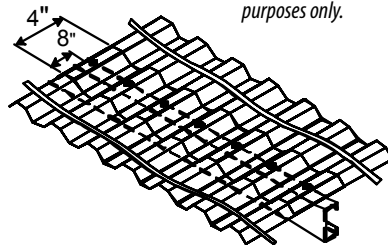


Fig. 5



PANEL OVERLAP AND OVERHANG

- Recommended longitude overlap of 8" above purlin.
- Each panel to extend 4" over the fixings line on the purlin.
- Panels should overhang a minimum of 2 inches and maximum 6 inches beyond the row of fasteners.



Profile shown for illustration purposes only.

CURVED ROOF APPLICATIONS

- Minimum curving radius 16 feet



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