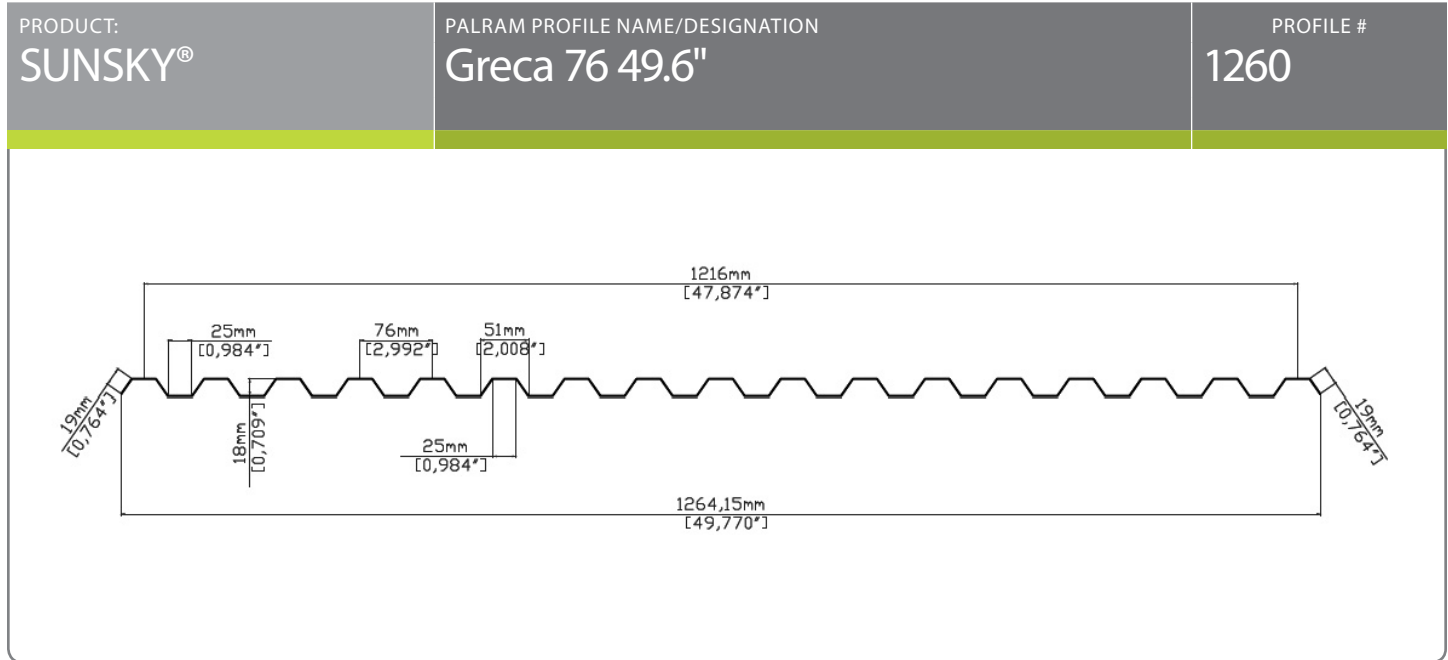


## PROFILE IDENTIFICATION AND DETAILED DRAWING



## PROFILE DIMENSIONS

PROFILE		THICKNESS		LENGTH †		OVERALL WIDTH		NET COVERAGE AFTER OVERLAP		SIDE LAP
mm	inch	mm	inch	m	feet	mm	inch	mm	inch	%
76/18	3/.75	0.8-1.5	0.03-0.06	1.5 - 11.8	5-39	1260	49.6	1216	47.9	3.4

### † MAXIMUM RECOMMENDED PANEL LENGTH

m	feet	
7	24	While it is technically possible to manufacture and ship the maximum length listed, Palram does not recommend exceeding the length shown at left in order to avoid significant issues related to thermal expansion and contraction.

## MAXIMUM ROOF SPAN (INCHES)

Load (lb/ft <sup>2</sup> )	.03" (0.8mm) thickness		.04" (1.0mm) thickness		.06" (1.5mm) thickness	
	End Span	Mid Span	End Span	Mid Span	End Span	Mid Span
10	31	42	34	45	39	52
20	25	33	27	36	31	41
30	22	29	23	31	27	36
40	20	26	22	29	24	32
50	19	25	20	26	22	30
60	17	23	19	25	21	28
70	17	22	17	23	20	27
80	16	21	17	22	19	26
90	15	20	16	22	19	25
100	15	20	13	21	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%.

Continues on back side

PRODUCT: <b>SUNSKY®</b>	PALRAM PROFILE NAME (a.k.a. Designation) <b>Greca 76 49.6"</b>	PROFILE # <b>1260</b>
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**FASTENER AND WASHER SPECIFICATION FOR THIS PROFILE**

Valley Fixing	Crest Fixing	Side Lap Stitching
1/4" (5.5mm) x 1.5" (38mm) self tapping screw with 19mm galvanized / aluminum /stainless metal washer attached to EPDM rubber gasket of 55 to 65 shore hardness.	Self-drilling 1/4" (5.5mm) 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" (5.5mm) x 1" (25mm) grommet seals or 1/4" (5.5mm) x 1" (25mm) self tapping screw with 19mm galvanized / aluminum stainless metal washer attached to EPDM rubber gasket of 55 to 65 shore hardness.

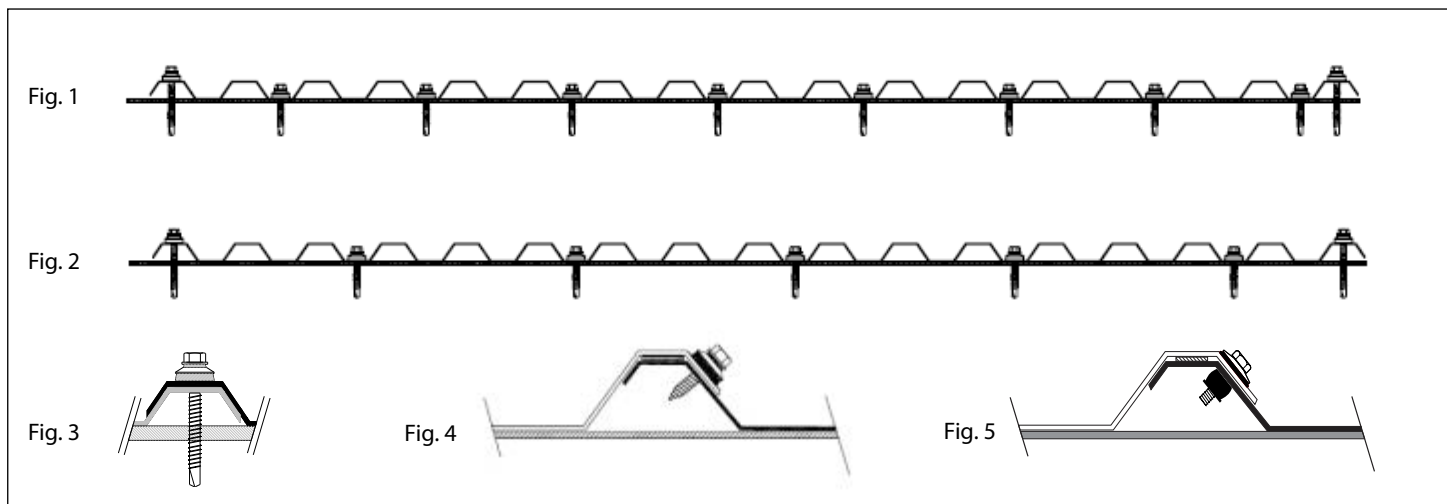
**FASTENING**

- Apply sealing tape over the SUNSKY panel side-lap 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.
- Figure 1: End Purlin fastening schedule.
- Figure 2: Intermediate Purlin fastening schedule.
- Figure 3: Start fastening the screws from the first side-lap (left) through the pre-drilled holes
- Figure 4: Fasten the side lap stitching screws every 12-16" between purlins on metal to polycarbonate side laps.
- Figure 5: Fasten side lap grommets every 12-16" between purlins on polycarbonate to polycarbonate side laps.



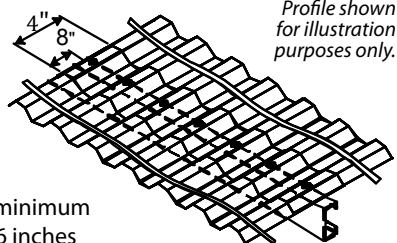
**DO NOT OVER-TIGHTEN!**  
Washers should be perpendicular to purlin, and tightened to the point where they are firmly seated, but not bulging.

**FASTENER LOCATIONS FOR THIS PROFILE**



**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.



**CURVED ROOF APPLICATIONS**

- Minimum curving radius 16 feet



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