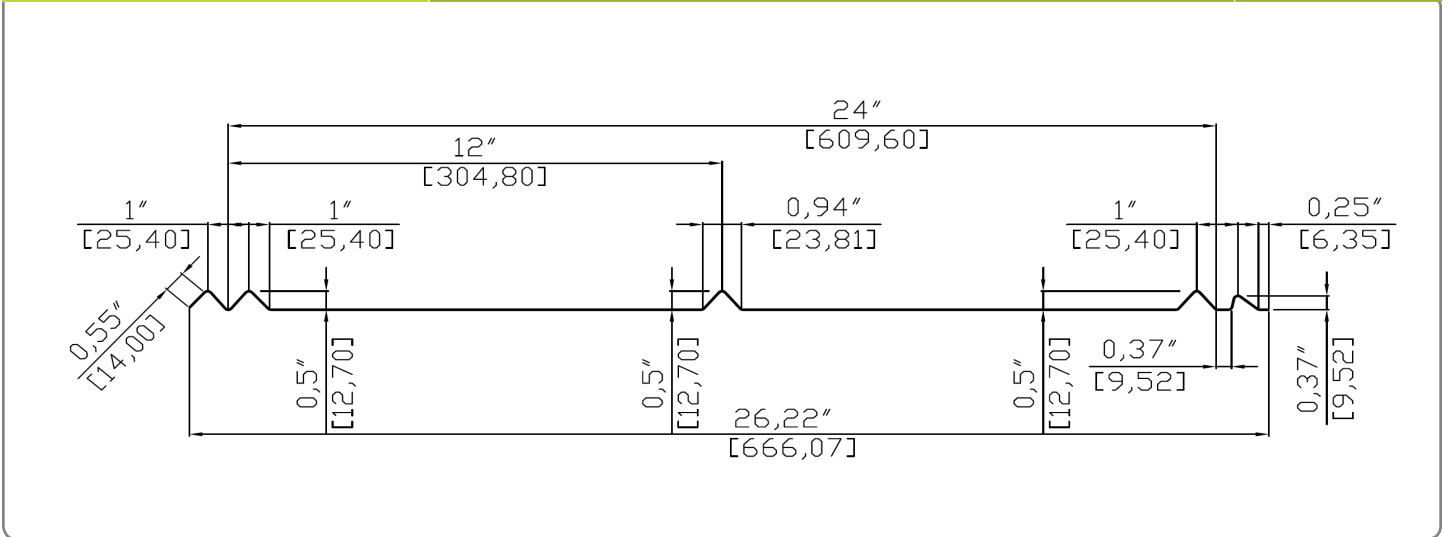


PROFILE IDENTIFICATION AND DETAILED DRAWING

PRODUCT: SUNSKY®	PALRAM PROFILE NAME/DESIGNATION 5V Crimp	PROFILE # 6710
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PROFILE DIMENSIONS

PROFILE		THICKNESS		LENGTH †		OVERALL WIDTH		NET COVERAGE AFTER OVERLAP		SIDE LAP
mm	inch	mm	inch	m	feet	mm	inch	mm	inch	%
304.8	12/0.5	0.8-1.5	.03-.06	1.5-11.8	5-39	666.07	26.22	609.6	24	8.5

† 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/ft²)	.03" (0.8mm) thickness		.04" (1.0mm) thickness		.05" (1.2mm) thickness		.06" (1.5mm) thickness	
	End Span	Mid Span	End Span	Mid Span	End Span	Mid Span	End Span	Mid Span
15	16	21	16	22	18	24	19	26
20	14	19	15	20	16	22	17	23
25	13	17	14	19	15	20	16	22
30	12	16	13	18	14	19	15	20
35	11	15	13	17	13	18	14	19
40	10	14	12	16	13	17	13	18

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:
SUNSKY®

PALRAM PROFILE NAME (a.k.a. Designation)
5V Crimp

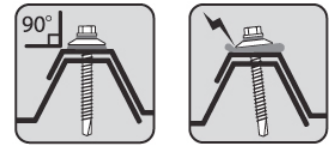
PROFILE #
6710

FASTENER AND WASHER SPECIFICATION FOR THIS PROFILE

Valley Fixing	Crest Fixing	Side Lap Stitching
Self-drilling ¼" (6mm) x 1.5" (38mm) screw with 19 mm diameter- galvanized / aluminum / stainless metal washer attached to EPDM rubber gasket of 55 to 65 shore hardness.	N/A for this profile.	¼" (6mm) x ¾" (19mm) self-tapping screw with 19mm diameter galvanized / aluminum / stainless metal washer attached to EPDM rubber gasket of 55 to 65 shore hardness.

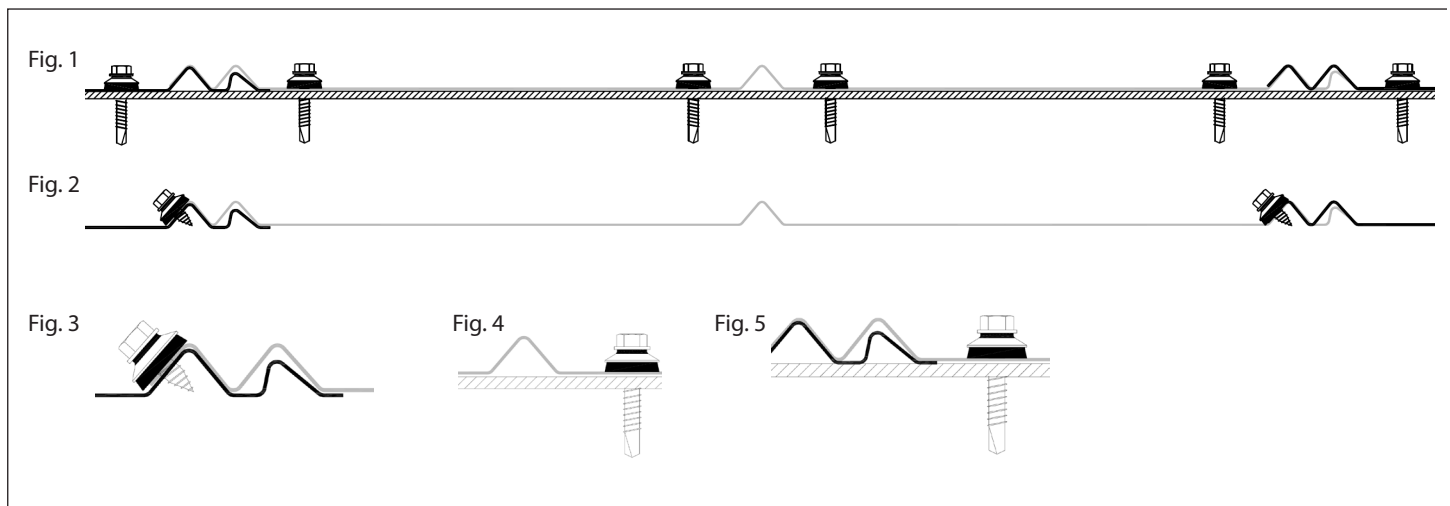
FASTENING

- 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.
- Fasten the side lap stitching screws at every 12-16 inches (Fig. 3).
- Figure 1: End and intermediate Purlin fastening schedule.
- Figure 2: Side Lap Stitch Screw only, in between purlins so that 12-16 inch spacing can be achieved.



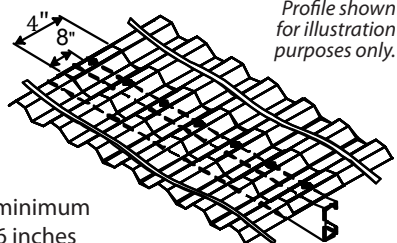
DO NOT OVER-TIGHTEN!
Washers should be perpendicular to purlin, and tightened to the point where they are firmly seated, but not bulging.

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 17 feet



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