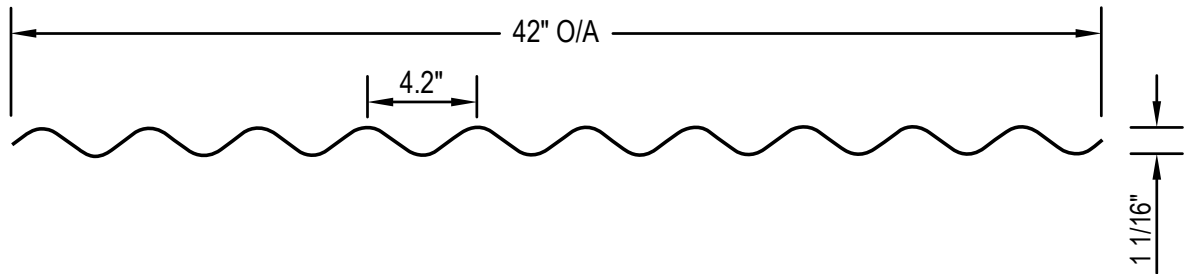


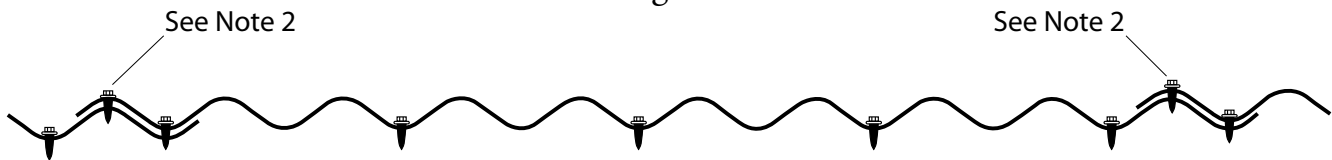
4.2 Corrugated Panels

Industrial - Commercial Roofing & Siding

Aluminum & Steel Panel



Fastening Schedule



Notes:

1. Recommended Fastener Lengths for use with insulation supplied upon request.
2. Side-laps should be fastened at 12" on center with a 7/8" long self drilling, self-tapping stitch screw.
3. Painted fasteners are available to color match the painted panels.
4. The use of nails to fasten these panels is NOT recommended.
5. High-wind conditions, fasten at every low corrugation at eaves & endlaps.
6. Roof slopes less than 2:12, Butyl tape is recommended at side-laps & eaves.

MATERIAL	WT. / SF. PLAIN	WT. / SF. PAINTED	METAL SPECIFICATIONS
ALUMINUM .032 .040 .050	.491 .606 .760	.504 .619 .773	3003 Alloy Conforming to ASTM B-209 30,000 PSI Typical yield strength
GALVANIZED 24 GUAGE 22 GUAGE 20 GUAGE 18 GUAGE	1.086 1.371 1.715 2.160	- - - -	G-90 Coating Designation conforming to ASTM A-446 40,000 PSI Min. yield strength
GALVALUME 24 GUAGE 22 GUAGE 20 GUAGE 18 GUAGE	1.057 1.326 1.657 2.126	1.070 1.339 1.670 2.139	0.55 oz. Alum-Zinc Coating per Sq. Ft. 40,000 PSI Typical yield strength
STAINLESS STEEL 24 GUAGE 22 GUAGE 20 GUAGE 18 GUAGE	1.143 1.523 1.905 2.286	- - - -	304 Alloy conforming to ASTM A-167 42,000 PSI Typical yield strength

RECOMMENDED LOAD SPAN TABLE

Guage	Spans	4' 0"	5' 0"	6' 0"	7' 0"	8' 0"	9' 0"
.032 ALUM	1 & 2	80	50	35	26	20	16
	3	100	64	45	33	25	20
.040 ALUM.	1 & 2	101	64	45	38	25	20
	3	128	82	57	48	32	25
.050 ALUM.	1 & 2	126	81	56	41	32	25
	3	160	102	71	52	40	32
24 GA STEEL	1 & 2	102	65	45	33	25	20
	3	127	81	57	42	32	25
22 GA STEEL	1 & 2	125	80	56	41	31	25
	3	156	100	70	51	39	31
20 GA STEEL	1 & 2	150	96	67	49	37	30
	3	187	120	83	61	47	37
18 GA STEEL	1 & 2	195	125	87	64	49	39
	3	244	156	108	80	61	48

- Uniform POSITIVE Load In Pounds Per Sq. Ft.
- STRESS ONLY Does Not Include Deflection



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