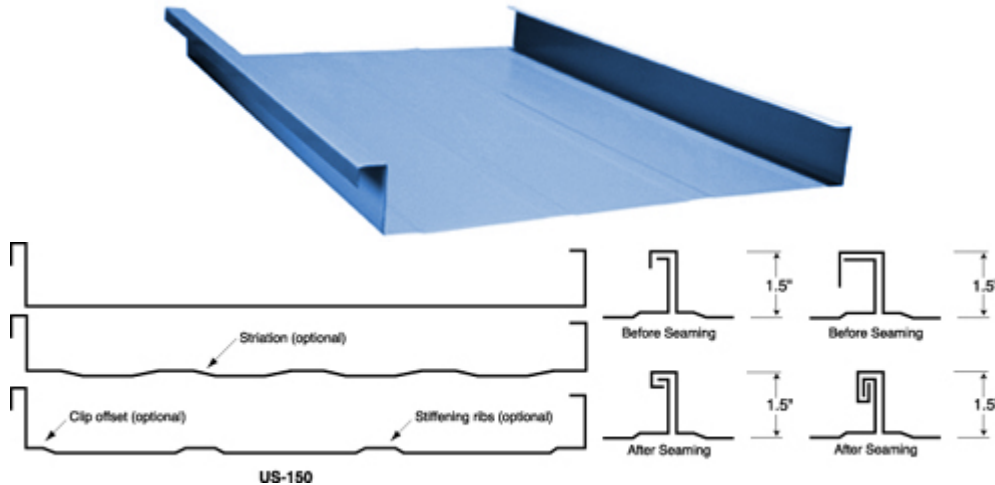


Ultra Seam US-150 Standing Seam Panel

The Ultra Seam standing seam system utilizes state of the art technology for roof integrity and positive weather-tightness. The Ultra Seam US-150 panel has been extensively tested in both steel and aluminum, and meets the stringent requirements of the “Standard Test Method for Structural Performance of SSMRS by Uniform Static Air Pressure Difference,” which has been adopted as ASTM E-1592. Seams require machine closing, by either hand or power seamers, both available on a job rental basis. The seaming process completely encloses and seals all clips and fasteners for the most watertight seal available. The US-150 panel, in addition to the standard 90-degree seam, can be double-locked to obtain a 180 degree architectural profile. The standing seam system is especially suitable where roof slopes are long and/or low, and unusually long panels are required. Available in various gauges of galvanized steel, galvalume, zincalume, aluminum, copper, zinc and stainless steel. Regardless of which material is selected, the optional stiffening ribs or striations are highly recommended in order to reduce the slight surface waviness of the metal known as “oil-canning.” Note: “oil-canning” is a natural phenomenon inherent in sheet metal products and therefore is not cause for rejection of the material.



UL 90 Rated
ASTM E-1592
ASTM E-1680
ASTM E-1646

ULTRA SEAM US-150 PANEL			ALLOWABLE UNIFORM LIVE LOAD (psf)						
			Span						
Material	Gauge	Panel Width	24"	30"	36"	42"	48"	54"	60"
Steel grade D ASTM A653 (A446)	22	12"	473	305	213	157	120	94	76
	22	16"	355	229	160	117	90	71	57
	22	18"	316	204	142	104	80	63	51
Steel grade D ASTM A653 (A446)	24	12"	373	240	168	123	94	74	60
	24	16"	279	180	126	92	70	56	45
	24	18"	248	160	111	82	63	49	40
Aluminum Alloy	0.04	12"	115	73	51	37	28	22	18
3004 H34	0.04	16"	73	46	32	23	18	14	11
Aluminum Alloy	0.032	12"	90	58	40	29	22	17	14
3004 H34	0.032	16"	57	36	25	18	14	11	9

Table Provided for General Reference Only. Loads are based on engineered calculations of the panel only. Allowable uniform load values based on three-span condition. For system requirements or design assistance please contact your nearest Ultra Seam representative.