Metl-Span CF Wall Panels with V6 X-Span Clip for PUR
26 Ga. Exterior / 26 Ga. Interior Facings
Allowable Connection Load (psf) for Two or More Equal Spans

Panel Width	Panel Thickness	Clip/ Fastening	Support Span											
			4 ft	5 ft	6 ft	7 ft	8 ft	9 ft	10 ft	11 ft	12 ft	13 ft	14 ft	15 ft
36”	3”	V6	86	71	61	54	48	43	39	35	32	28	24	21
		V6+	105	92	67	57	49	43	39	35	32	28	24	21
	4” – 5”	V6	94	78	68	61	53	47	42	37	34	31	29	27
		V6+	113	89	72	62	53	47	42	37	34	31	29	27
	6” – 8”	V6	80	69	62	57	53	51	48	45	41	39	36	34
		V6+	113	97	86	79	67	59	53	48	43	40	37	35
30”	3”	V6	103	86	74	65	58	52	47	41	34	28	24	21
		V6+	127	99	81	68	59	52	47	41	34	28	24	21
	4” – 5”	V6	112	94	82	73	64	56	50	45	41	38	35	32
		V6+	136	107	87	74	64	56	50	45	41	38	35	32
	6” – 8”	V6	96	83	75	69	64	61	58	53	50	46	43	41
		V6+	136	116	104	94	81	71	64	57	52	48	44	41

Notes:

1. Based on Allowable Stress Design (ASD).
2. Allowable loads shown above are applicable to 36”-wide and 30”-wide panels with minimum 26 Ga. exterior/interior steel facers and PUR foam core.
3. Allowable loads shown above are the lowest value of panel bending strength, shear strength, minimum deflection limit (L/180), and connection strength, derived from testing per ASTM E72.
4. Safety factors calculated statistically from test data are 2.15 for bending stress, 3.0 for shear strength, and 2.14-2.35 for connection strength.
5. “V6” indicates use of one Metl-Span V6 X-Span clip at each support. “V6+” indicates use of V6 X-Span clip at each support plus one 2”-long face-to-clip fastener at each end support.
6. V6 X-Span clips require two ¼”-diameter self-drilling or self-tapping fasteners at each intermediate support and at least one fastener at each end support.
7. V6 X-Span clips are for use with panels of thickness ≥ 3”.
8. Allowable loads address panel failure modes only. Structural capacity of fasteners and girts must be examined separately.

Metl-Span CF-42 Wall Panels with V6 X-Span Clip for PUR 26 Ga. Exterior / 26 Ga. Interior Facings Allowable Connection Load (psf) for Two or More Equal Spans												
Panel Thickness	Clip/ Fastening	Support Span										
		5 ft	6 ft	7 ft	8 ft	9 ft	10 ft	11 ft	12 ft	13 ft	14 ft	15 ft
3”	V6	61	53	46	41	37	33	30	27	25	23	21
	V6+	71	58	49	42	37	33	30	27	25	23	21
4” – 5”	V6	67	58	53	45	40	36	32	29	27	25	23
	V6+	76	62	53	45	40	36	32	29	27	25	23
6” – 8”	V6	59	53	49	46	43	41	38	35	33	31	29
	V6+	83	74	67	58	51	45	41	37	34	32	30

Notes:

1. Based on Allowable Stress Design (ASD).
2. Allowable loads shown above are applicable to 42”-wide panels with minimum 26 Ga. exterior/interior steel facers and PUR foam core.
3. Allowable loads shown above are the lowest value of panel bending strength, shear strength, minimum deflection limit (L/180), and connection strength, derived from testing per ASTM E72.
4. Safety factors calculated statistically from test data are 2.15 for bending stress, 3.0 for shear strength, and 2.14-2.35 for connection strength.
5. “V6” indicates use of one Metl-Span V6 X-Span clip at each support. “V6+” indicates use of V6 X-Span clip at each support plus one 2”-long face-to-clip fastener at each end support.
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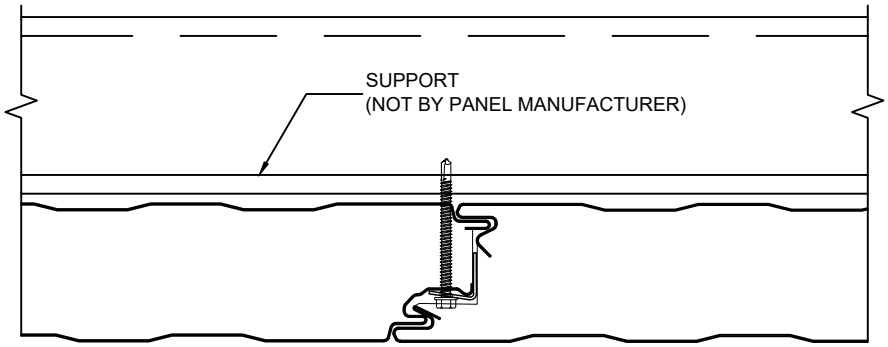
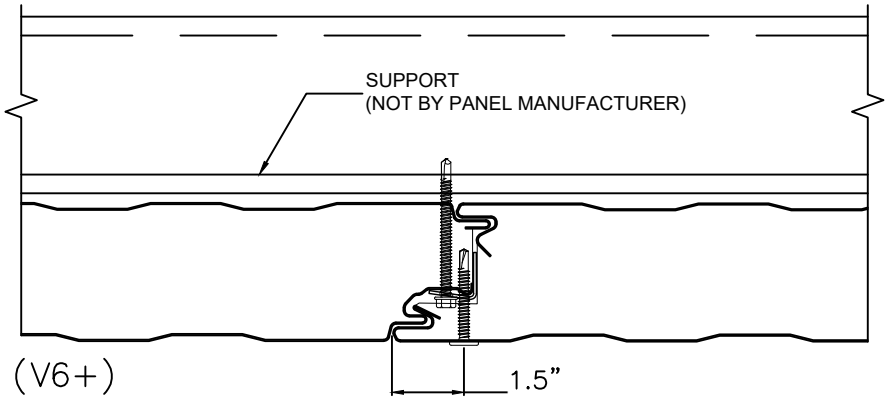


(V6)

ONE V6 X–SPAN CLIP AT EACH SUPPORT

MINIMUM 3"–THICK PANEL



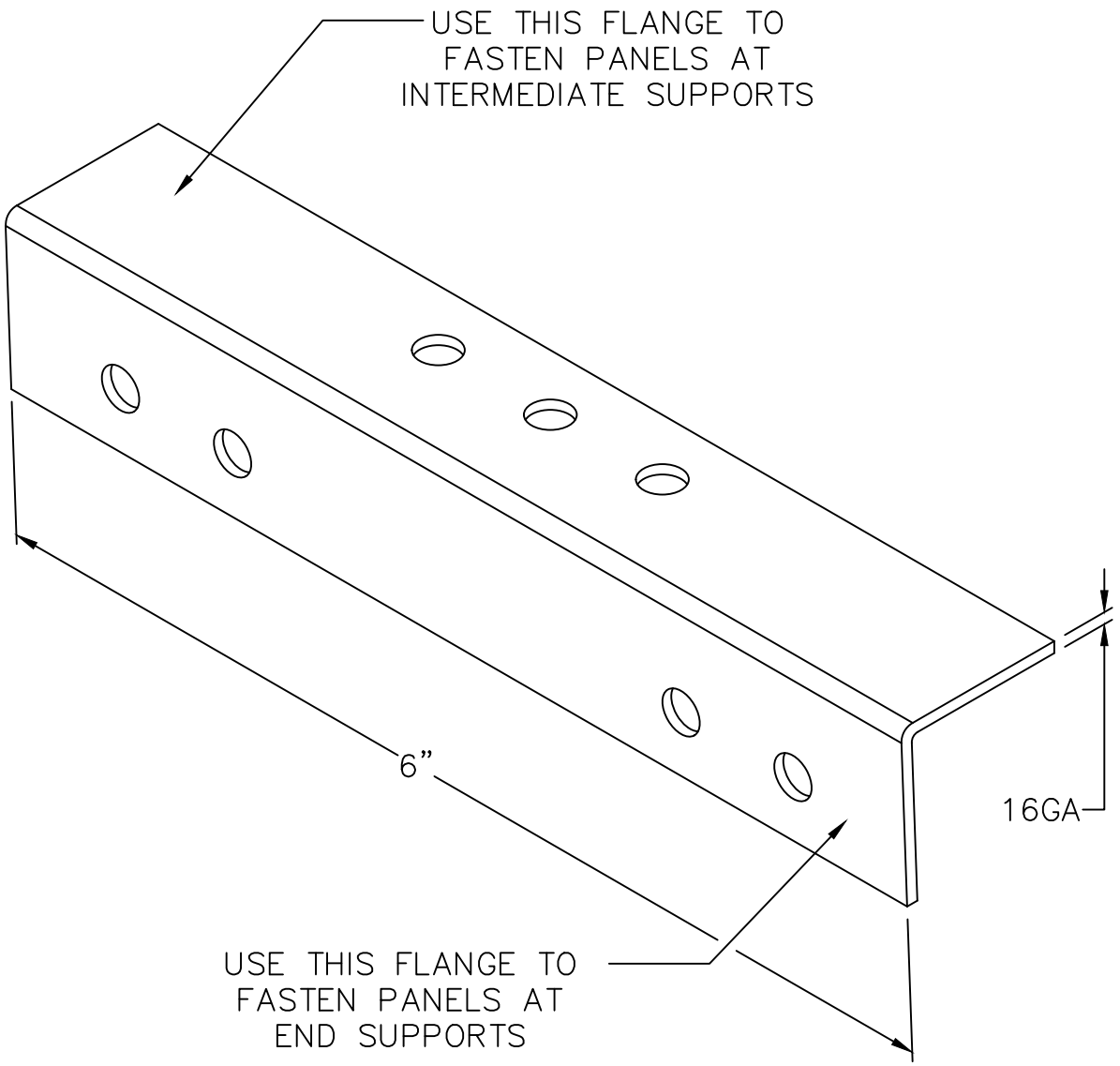
(V6+)

ONE V6 X–SPAN CLIP AT EACH SUPPORT WITH ONE FACE–TO–CLIP FASTENER AT EACH END SUPPORT

INSTALL 2"–LONG FACE–TO–CLIP FASTENER THROUGH PANEL FACE TONGUE AND ADJACENT PANEL CLIP, 1.5" FROM PANEL JOINT

MINIMUM 3"–THICK PANEL

COMMERCIAL & INDUSTRIAL	FASTENING WITH V6 X–SPAN CLIP	1 of 2 DATE: MAY '22



COMMERCIAL & INDUSTRIAL	FASTENING WITH V6 X–SPAN CLIP	2 of 2 DATE: MAY ’22