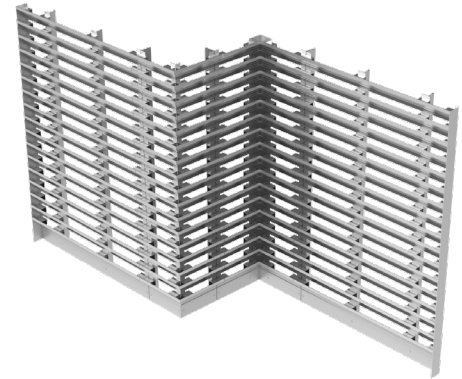


EV811

Horizontal Screen | Extruded Aluminum

STANDARD CONSTRUCTION

Blades	6063T6 extruded aluminum with .094" (2.4) nominal wall thickness, positioned at 45° angle and spaced approximately 5" (127) center to center.
Support	As required per wind load. Consult Ruskin.
Finish	Mill.
Approximate Shipping Weight	4 lbs. per sq. ft. (20 kg per m ²).
Maximum Factory Assembly Size	Shall not exceed 120" X 90" (3048 X 2286) or 90" X 120" (2286 X 3048) Screens larger than maximum factory assembly size will require field assembly of smaller sections.
Minimum Factory Assembly Size	12" x 12" (304.8 x 304.8).
Design Pressure	Windload 35 PSF.



MULTI SECTION
Z-SHAPED

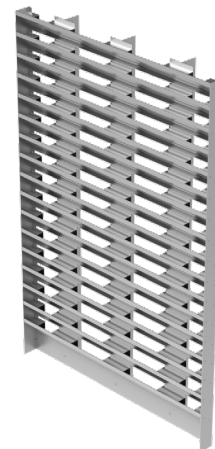
FEATURES

- ▶ Architecturally styled, hidden supports for attractive appearance.
- ▶ All aluminum construction for low maintenance and high resistance to corrosion.
- ▶ Blade spacing allows for high free area, added economy, or a sight proof design.

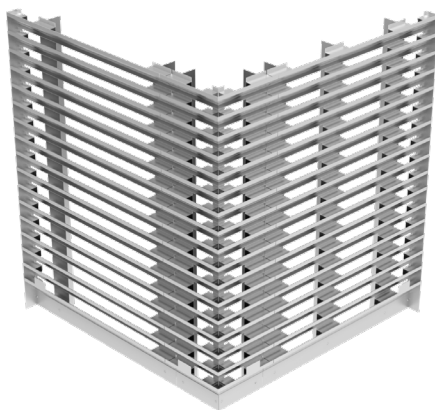
VARIATIONS

Variations to the basic design of this screen are available at additional cost. They include:

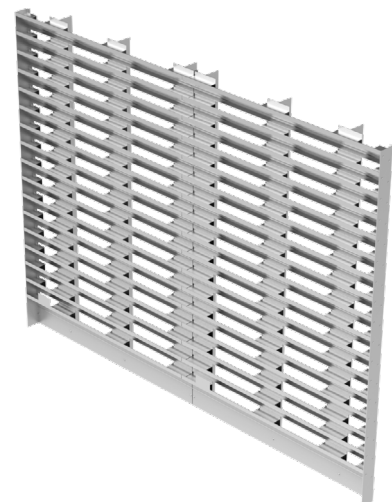
- ▶ Mitered or box corners.
- ▶ Jamb frame.
- ▶ Hinged access sections.
- ▶ Selection of finishes: baked enamel (modified fluoropolymer), epoxy, PVDF, pearledize, prime coat, clear and color anodize. (Some variation in anodize color consistency is possible).



SINGLE SECTION
LINEAR SHAPED



MULTI SECTION
MITERED CORNER-L-SHAPED



MULTI SECTION

Note:

- Consult Ruskin for other special requirements
- Dimensions in parenthesis () indicate millimeters
- Units are furnished actual size

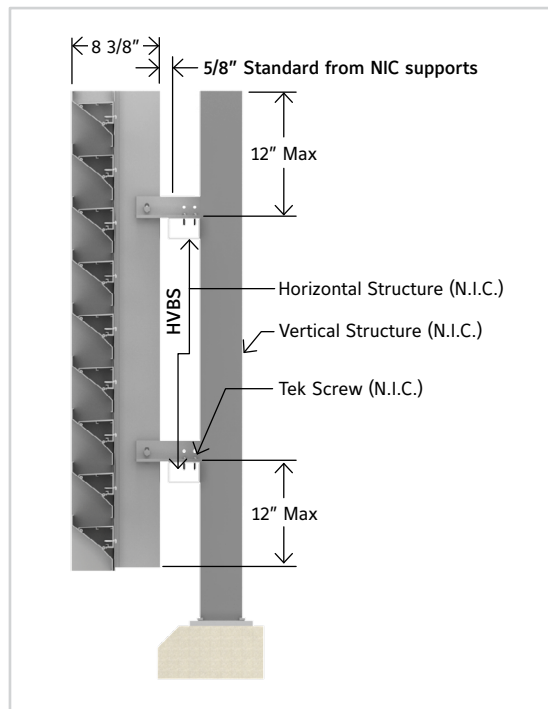
PERFORMANCE DATA

Free Area Guide shows free area in ft² and m² for various sizes of EV811.

Width in Inches and (Meters)

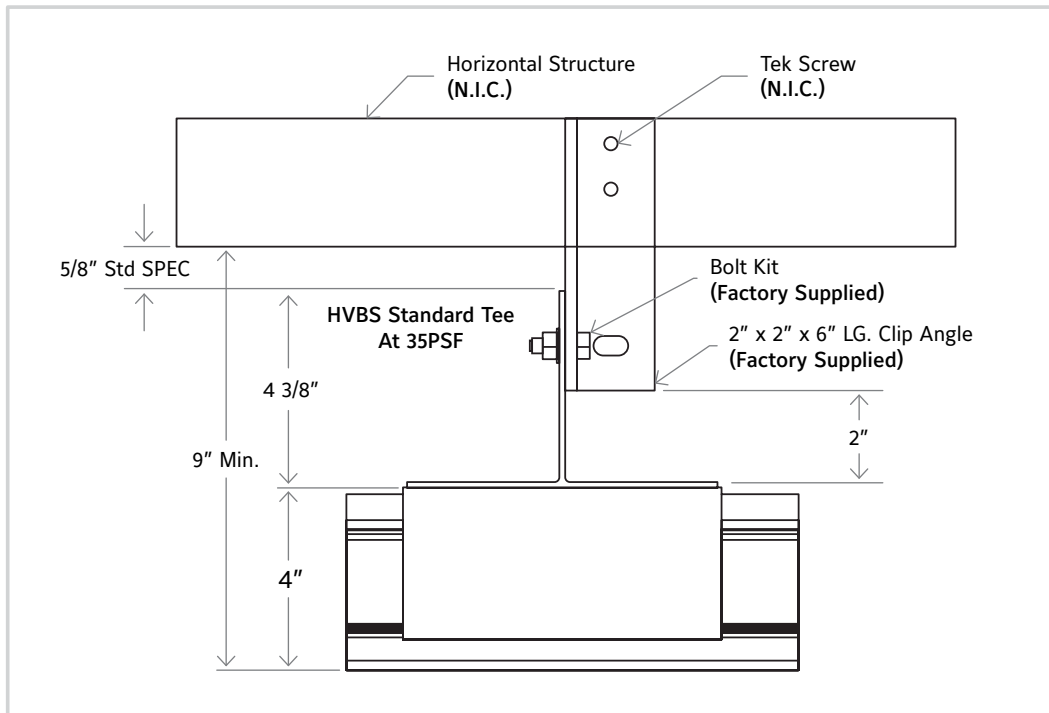
	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96
	0.30	0.46	0.61	0.76	0.91	1.07	1.22	1.37	1.52	1.68	1.83	1.98	2.13	2.29	2.44
12	0.17	0.27	0.37	0.47	0.57	0.67	0.77	0.87	0.98	1.08	1.18	1.28	1.38	1.48	1.58
0.30	0.02	0.03	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15
18	0.42	0.67	0.93	1.18	1.44	1.69	1.95	2.20	2.46	2.71	2.97	3.22	3.48	3.73	3.99
0.46	0.04	0.06	0.09	0.11	0.13	0.16	0.18	0.20	0.23	0.25	0.28	0.30	0.32	0.35	0.37
24	0.67	1.08	1.49	1.90	2.31	2.72	3.13	3.54	3.95	4.36	4.77	5.18	5.59	6.00	6.41
0.61	0.06	0.10	0.14	0.18	0.21	0.25	0.29	0.33	0.37	0.41	0.44	0.48	0.52	0.56	0.60
30	0.91	1.47	2.03	2.59	3.15	3.71	4.27	4.83	5.38	5.94	6.50	7.06	7.62	8.18	8.74
0.76	0.08	0.14	0.19	0.24	0.29	0.34	0.40	0.45	0.50	0.55	0.60	0.66	0.71	0.76	0.81
36	1.12	1.80	2.49	3.17	3.85	4.54	5.22	5.90	6.59	7.27	7.96	8.64	9.32	10.01	10.69
0.91	0.10	0.17	0.23	0.29	0.36	0.42	0.48	0.55	0.61	0.68	0.74	0.80	0.87	0.93	0.99
42	1.28	2.06	2.84	3.62	4.40	5.18	5.96	6.74	7.52	8.30	9.08	9.86	10.64	11.42	12.20
1.07	0.12	0.19	0.26	0.34	0.41	0.48	0.55	0.63	0.70	0.77	0.84	0.92	0.99	1.06	1.13
48	1.53	2.46	3.40	4.33	5.27	6.20	7.10	8.07	9.00	9.94	10.87	11.81	12.74	13.68	14.61
1.22	0.14	0.23	0.32	0.40	0.49	0.58	0.66	0.75	0.84	0.92	1.01	1.10	1.18	1.27	1.36
54	1.78	2.87	3.96	5.05	6.14	7.23	8.32	9.41	10.50	11.59	12.67	13.76	14.85	15.94	17.03
1.37	0.17	0.27	0.37	0.47	0.57	0.67	0.77	0.87	0.98	1.08	1.18	1.28	1.38	1.48	1.58
60	2.03	3.26	4.50	5.74	6.98	8.21	9.45	10.69	11.93	13.17	14.40	15.64	16.88	18.12	19.36
1.52	0.19	0.30	0.42	0.53	0.65	0.76	0.88	0.99	1.11	1.22	1.34	1.45	1.57	1.68	1.80
66	2.23	3.59	4.95	6.31	7.68	9.04	10.40	11.76	13.12	14.49	15.85	17.21	18.57	19.93	21.30
1.68	0.21	0.33	0.46	0.59	0.71	0.84	0.97	1.09	1.22	1.35	1.47	1.60	1.73	1.85	1.98
72	2.39	3.85	5.31	6.77	8.23	9.69	11.15	12.61	14.07	15.53	16.99	18.44	19.90	21.36	22.82
1.83	0.22	0.36	0.49	0.63	0.76	0.90	1.04	1.17	1.31	1.44	1.58	1.71	1.85	1.98	2.12
78	2.64	4.25	5.87	7.48	9.10	10.71	12.32	13.94	15.55	17.16	18.78	20.39	22.00	23.62	25.23
1.98	0.25	0.39	0.55	0.69	0.85	0.99	1.14	1.30	1.44	1.59	1.74	1.89	2.04	2.19	2.34
84	2.89	4.66	6.43	8.20	9.97	11.74	13.51	15.27	17.04	18.81	20.58	22.35	24.12	25.88	27.65
2.13	0.27	0.43	0.60	0.76	0.93	1.09	1.26	1.42	1.58	1.75	1.91	2.08	2.24	2.40	2.57
90	3.14	5.05	6.97	8.89	10.80	12.72	14.64	16.56	18.47	20.39	22.31	24.22	26.14	28.06	29.97
2.29	0.29	0.47	0.65	0.83	1.00	1.18	1.36	1.54	1.72	1.89	2.07	2.25	2.43	2.61	2.78
96	3.26	5.25	7.24	9.23	11.22	13.21	15.20	17.19	19.18	21.16	23.15	25.14	27.13	29.12	31.11
2.44	0.30	0.49	0.67	0.86	1.04	1.23	1.41	1.60	1.78	1.97	2.15	2.34	2.52	2.71	2.89

Height in Inches and (Meters)

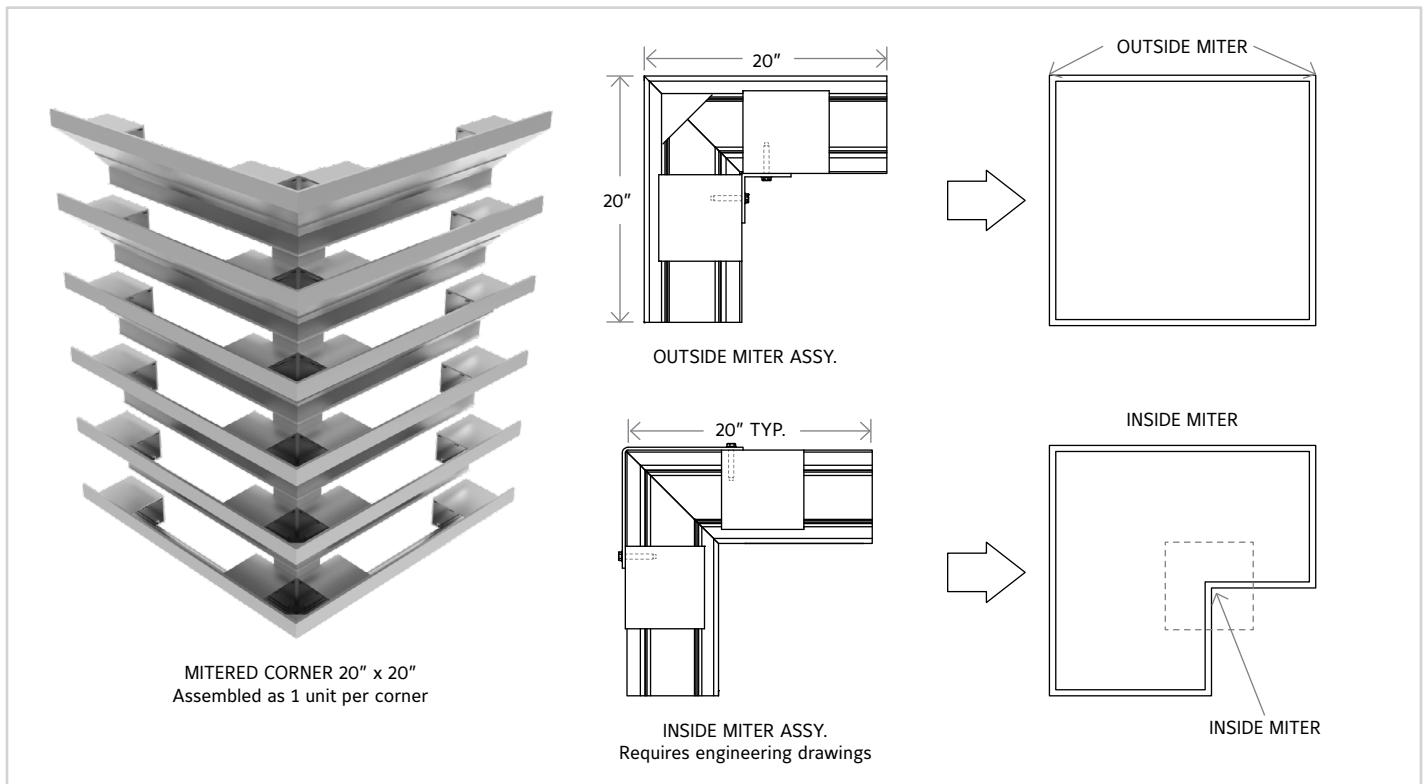


Critical Note:
Customer attach points and windload must be known before the screenwall is drafted for Submittal drawings.

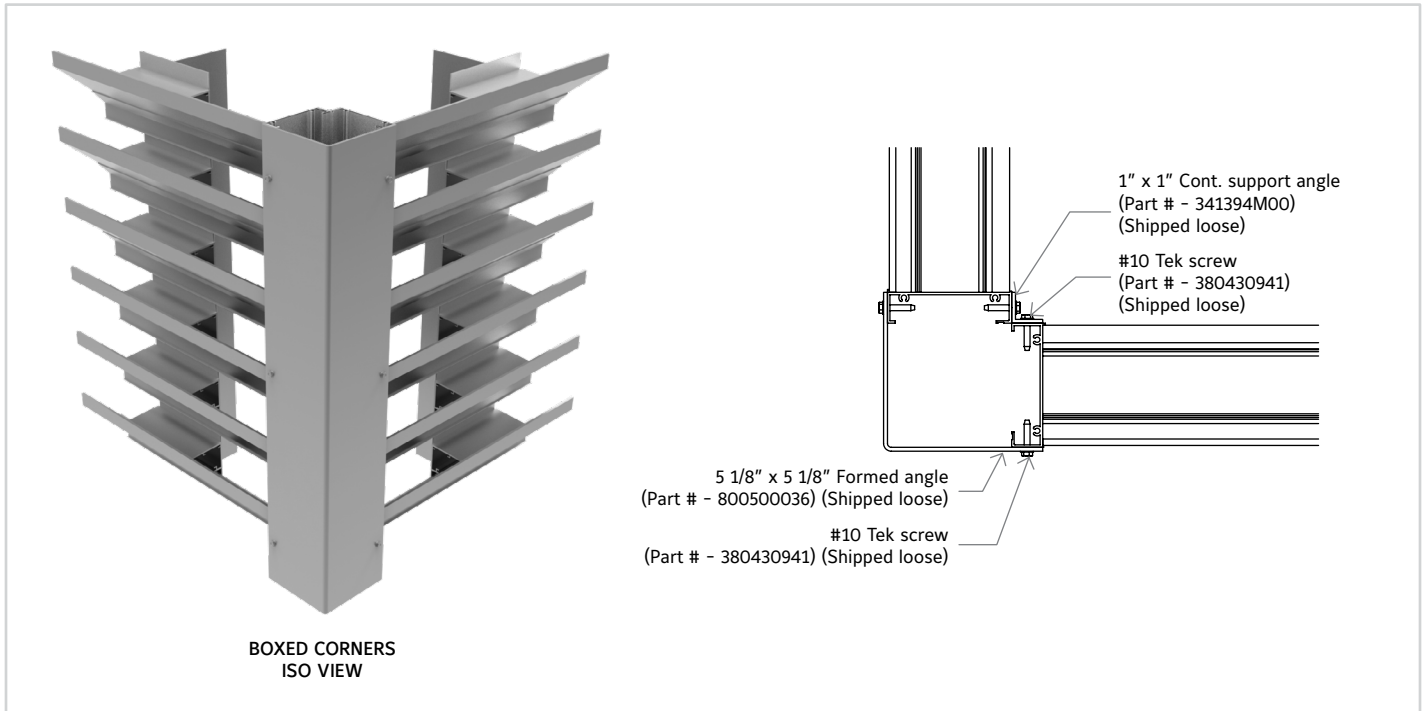
HVBS FOR STANDARD 35 PSF WINDLOAD



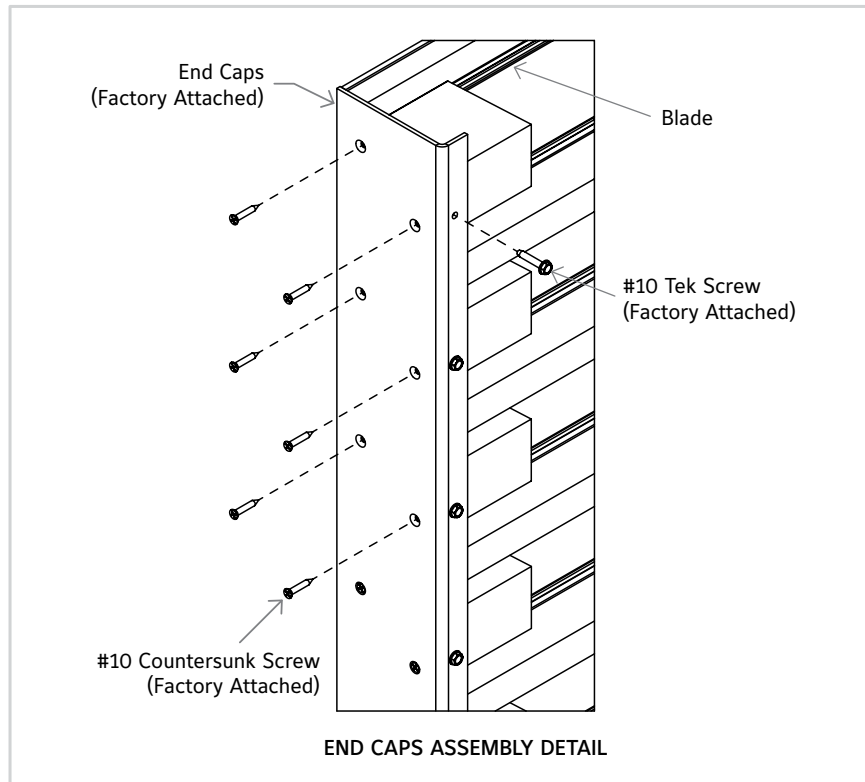
ORDER CONFIGURATIONS: EXAMPLE MITERED



BOXED CORNERS



END CAPS



SUGGESTED SPECIFICATION

Furnish and install screens as described in schedules. Screen components shall be factory assembled by the manufacturer. Sizes too large for shipping shall be built up by the contractor from factory assembled sections to provide overall sizes required. Design shall incorporate blade supports required to withstand a wind load of 35 lbs. per sq. ft. (1.68 KPa).

Screens shall be architectural style with continuous appearing stationary blades—intermediate supports shall not interrupt blade appearance when viewed from outside of screen.

Screens shall be Ruskin Model EV811 extruded 6063T6 aluminum alloy construction as follows:

Blades: .094" (2.4) wall thickness at 45° angle and spaced approximately 5" (127) center to center.

Fasteners: Anchorage shall be concealed and not visible on the exterior face of the screen.

Finish: Select finish specification from Ruskin Finishes Brochure.

LINKS TO IMPORTANT DOCUMENTS

Document Number	Document Title
FIN-012020	Paint Finishes and Color Guide



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