



3/8-inch depth

FLAT LOCK PANELS - ALUMINUM

Maximum Design Load (psf) ¹⁻⁷

(inches) Panel Size	Deflection	Panel Thickness (in)		
		0.032	0.040	0.063
8	L/60	77	146	146
	L/180	17	25	25
12	L/60	27	52	97
	L/180	-	12	30
16	L/60	12	23	73
	L/180	-	-	18

Notes:

- 1.) Chart considers wind loads applied normal to surface of panel. Additional load cases not considered (live, seismic, snow, etc.)
 - 2.) Chart does not consider limitations due to fasteners and/or substrate.
 - 3.) Panels shall be installed with Millennium Forms 20ga 316 SS clips at 16" max OC and guidelines.
 - 4.) Chart developed using ADM 2020 based on service level loading (ASD) considering 3003-H14 alloy.
 - 5.) All pressures reflect safety factor of 2.0 (Ultimate load/2.0).
 - 6.) Design pressures are intended for preliminary use only and not for project specific conditions. Consult a professional engineer to confirm adequacy.
 - 7.) Chart does not consider oil canning.
- "Oil canning" is an inherent characteristic, not a defect, and therefore is not a cause for panel rejection.