



LOAD TABLE FOR AD-LOC 100 - 2.5 INCH THICK PANEL

ALL LOADING IN PSF(LBS/FT²)

(NOTE : USE LESSER OVERALL LOAD (PSF) BASED ON STRENGTH OR DEFLECTION)

Factored Load Based on Strength

Span (ft)	4	5	6	7	8	9	10	11	12	13	14	15
Single Span	260	166	116	85	65	51	42	34	29	25	21	18
Double Span	260	166	116	85	65	51	42	34	29	25	21	18
Triple Span or More	325	208	144	106	81	64	52	43	36	31	27	23

Unfactored Load Based on Deflection L/180

Span (ft)	4	5	6	7	8	9	10	11	12	13	14	15
Single Span	296	160	92	58	39	27	20	15	12	9	7	6
Double Span	419	226	131	82	55	39	28	21	16	13	10	8
Triple Span or More	658	355	205	129	87	61	44	33	26	20	16	13

Unfactored Load Based on Deflection L/240

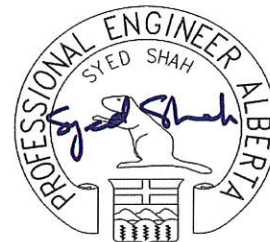
Span (ft)	4	5	6	7	8	9	10	11	12	13	14	15
Single Span	222	120	99	62	42	29	21	16	12	10	8	6
Double Span	314	169	98	62	41	29	21	16	12	10	8	6
Triple Span or More	493	266	154	97	65	46	33	25	19	15	12	10

Unfactored Load Based on Deflection L/360

Span (ft)	4	5	6	7	8	9	10	11	12	13	14	15
Single Span	148	80	46	29	19	14	10	7	6	5	4	3
Double Span	210	113	93	59	39	28	20	15	12	9	7	6
Triple Span or More	329	177	146	92	62	43	32	24	18	14	12	9

Notes:

1. This Table is applicable for both wind and snow loads.
2. Panel Dead load had been allowed for.
3. Yield strength for skin sheet metal : 33 ksi
4. Sheet metal skins: 26 guage
5. Min. Factor of safety is 2.
6. Panel filled with foam must maintain integrity of the section.
7. Thermal effects have not been considered in design calculations.
8. Load Tables based on design Calculations; No Load Tests performed.



Permit # P5673

Dated: July 23, 2014