



LOAD TABLE FOR AD-LOC 100 - 4 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	335	214	149	109	84	66	54	44	37	32	27	24
Double Span	335	214	149	109	84	66	54	44	37	32	27	24
Triple Span or More	418	268	186	137	105	83	67	55	46	40	34	30

Unfactored Load Based on Deflection L/180

Span (ft)	4	5	6	7	8	9	10	11	12	13	14	15
Single Span	762	585	339	213	143	100	73	55	42	33	27	22
Double Span	1079	828	479	302	202	142	104	78	60	47	38	31
Triple Span or More	1694	1301	753	474	318	223	163	122	94	74	59	48

Unfactored Load Based on Deflection L/240

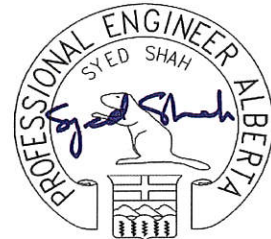
Span (ft)	4	5	6	7	8	9	10	11	12	13	14	15
Single Span	572	439	254	160	107	75	55	41	32	25	20	16
Double Span	809	621	360	226	152	107	78	58	45	35	28	23
Triple Span or More	1270	975	565	355	238	167	122	92	71	56	44	36

Unfactored Load Based on Deflection L/360

Span (ft)	4	5	6	7	8	9	10	11	12	13	14	15
Single Span	381	293	169	107	71	50	37	27	21	17	13	11
Double Span	539	414	240	151	101	71	52	39	30	24	19	15
Triple Span or More	847	650	376	237	159	112	81	61	47	37	30	24

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