



## LOAD TABLE FOR AD-LOC 100 - 3 INCH THICK PANEL

ALL LOADING IN PSF(LBS/FT<sup>2</sup>)

(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	291	186	129	95	73	57	47	38	32	28	24	21
Double Span	291	186	129	95	73	57	47	38	32	28	24	21
Triple Span or More	364	233	162	119	91	72	58	48	40	34	30	26

### Unfactored Load Based on Deflection L/180

Span (ft)	4	5	6	7	8	9	10	11	12	13	14	15
Single Span	427	328	190	120	80	56	41	31	24	19	15	12
Double Span	605	465	269	169	113	80	58	44	34	26	21	17
Triple Span or More	950	729	422	266	178	125	91	69	53	42	33	27

### Unfactored Load Based on Deflection L/240

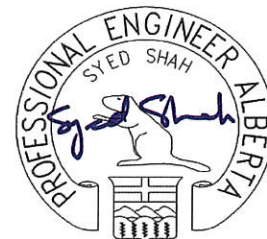
Span (ft)	4	5	6	7	8	9	10	11	12	13	14	15
Single Span	321	246	142	90	60	42	31	23	18	14	11	9
Double Span	454	348	202	127	85	60	44	33	25	20	16	13
Triple Span or More	712	547	317	199	134	94	68	51	40	31	25	20

### Unfactored Load Based on Deflection L/360

Span (ft)	4	5	6	7	8	9	10	11	12	13	14	15
Single Span	214	164	95	60	40	28	21	15	12	9	7	6
Double Span	302	232	134	85	57	40	29	22	17	13	11	9
Triple Span or More	475	365	211	133	89	63	46	34	26	21	17	14

#### 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