SP SUBFLOOR **PANEL**

DATA SHEET

Steel-reinforced AAC subfloor panel designed to fit structural supports spaced at 16″ and 24″ on center (O.C.).

These Panels can be placed on any structure (wood, steel or concrete).

ICC-ES Listing Report ESL - 1594

SPECS

PARAMETERS	UNITS	VALUES	
		AAC-4	AAC-6
Compressive Strength	psi	590	930
Real Density	lb/ ft³	33.4	39.2
Elastic modulus	ksi	326.9	235.5
		VALUES	
Nominal Density	lb/ ft³	30.4	
R Value per inch	h ft² °F/BTU	1.2	
Drying shrinkage	%	0.0015	

WORKFORCE PERFORMANCE

PRODUCT PLACEMENT	PERFORMANCE
Subfloor Panel	800-1000 ft²/ workday

Squad: Officer and assitant.

MEASUREMENTS

THICKNESS (in)	HEIGHT (in)	LENGTH (in)	AREA (ft²)	WEIGHT x PIECE (lb)	WEIGHT x FT² (lb)
1.97	24	96	16.00	88.16	5.51
2.95	24	96	16.00	132.32	8.27

LOADS

	DIMENSIONS						CLASS	DESIGN LOADS			
	THICK (in)	WIDTH (in)	LENGTH (in)	THICK (in)	WIDTH (in)	LENGTH (in)		LOADS DL(psf)	LOADS LL(psf)	MAX SPAN (in)	MAX SPAN (mm)
2" x 24" x 96"	1.97	24	96	50	610	2440	AAC-4	36	100	16	406.4
2" x 24" x 96"	1.97	24	96	50	610	2440	AAC-4	30	60	24	609.6
3" x 24" x 96"	2.95	24	96	75	610	2440	AAC-4	120	100	16	406.4
3" x 24" x 96"	2.95	24	96	75	610	2440	AAC-4	33	100	24	609.6
3" x 24" x 96"	2.95	24	96	75	610	2440	AAC-6	69	100	24	609.6

NOTE: Loads should be reviewed by project's Professional Engineer.

LITECON™
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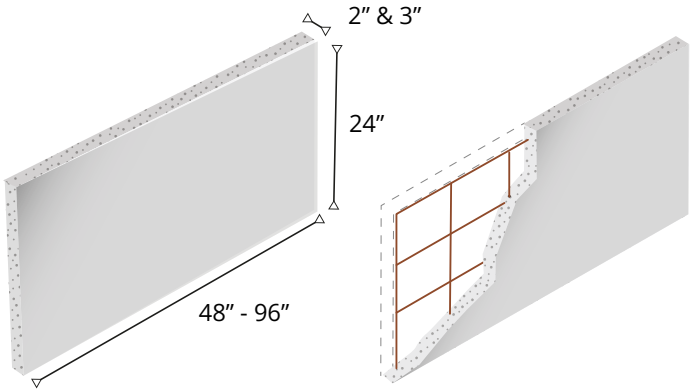
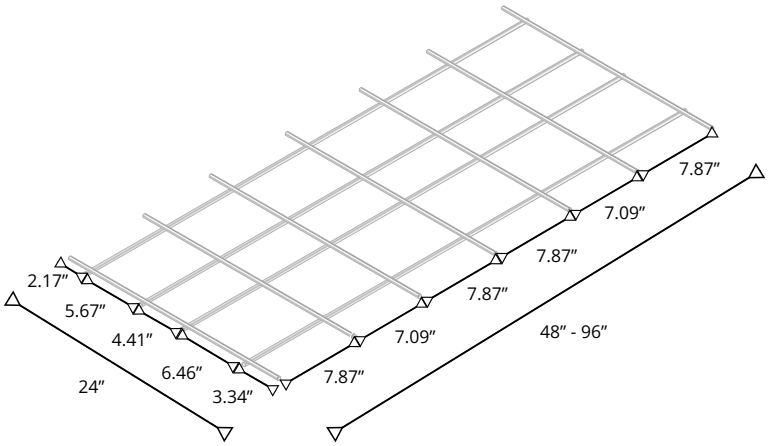
TESTS

PARAMETERS	RESULTS
Fire Resistance ASTM E-119	1hr

DIMENSIONS



Mesh design applies for 2" and 3" Subfloor Panel



NOTES:

1. General tolerances +/- 3 mm.
2. Tolerances not accumulative.
3. Steel without sharp edges.
4. Steel jointed using electric weld in compliance with ASTM C1694-09.
5. Minimum Resistance to shear of the joint 495 lbf (2.2 KN).
6. Drawn wire SAE 1008 Cal. 8 (Ø4.04mm) Grade 70.
7. Yield strength >= 70 ksi (485 Mpa).
8. Tensile strength >= 80 ksi (550 Mpa).
9. Reduction of area >= 30%.
10. Steel covered with corrosion protection in compliance with ASTM C1694-09 (corrosion shall not exceed 5% of total surface area).

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