



## LITECON CLADDING IS A RESIDENTIAL AND COMMERCIAL PANEL FOR EXTERIOR WALLS.

It's a **light prefabricated concrete panel**, with a steel mesh inside and a super **smooth exterior finish**. Such panels are installed applying adhesive mortar between mating faces and fasteners to attach the panels to a standard wood or steel frame.

**ICC-ES Evaluation Report ESR-5025**

### SPECS

PARAMETERS	UNITS	VALUES	
		AAC-4	AAC-6
Compressive Strength	psi	590	930
Real Density	lb/ft <sup>3</sup>	33.4	39.2
Elastic Modulus	ksi	326.9	235.5
		VALUES	
Nominal Density	lb/ft <sup>3</sup>	30.4	
Dry Shrinkage	%	0.0015	
Thermal Conductivity	BTU in/h ft <sup>2</sup> °F	0.839	
R Value per Inch	h ft <sup>2</sup> °F/BTU	1.2	
Permeability (μ)	US Perms	6.58	
Moisture Adsorption	Wt%	7.61	



## WORKFORCE PERFORMANCE

PRODUCT PLACEMENT	PERFORMANCE
Cladding	700 ft <sup>2</sup> /workday

Work force: mason and assistant.

### TESTS

PARAMETERS	RECORDED MEASUREMENT	RESULTS
Air infiltration <sup>1</sup>	0.3 L/s/m <sup>2</sup>	Pass
Water intrusion <sup>1</sup>	No leakage	Pass
Uniform load structural <sup>1</sup>	±50 psf	Pass
Shear wall resistance <sup>2</sup>	475 lb plf	Pass
Fire Resistance (Load-Bearing)	1hr	Pass

#### NOTES:

- Testing was conducted in accordance with the methods designated in Testing Application Standard (TAS) 202-95 Impact & Nonimpact Resistance Building Envelope Components using Uniform Static Air Pressure, and ASTM E330/E330M-14 Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference.
- Testing was completed as described in ASTM E564-06(2018) Standard Practice for Static Load Test for Shear Resistance of Framed Walls for Buildings.



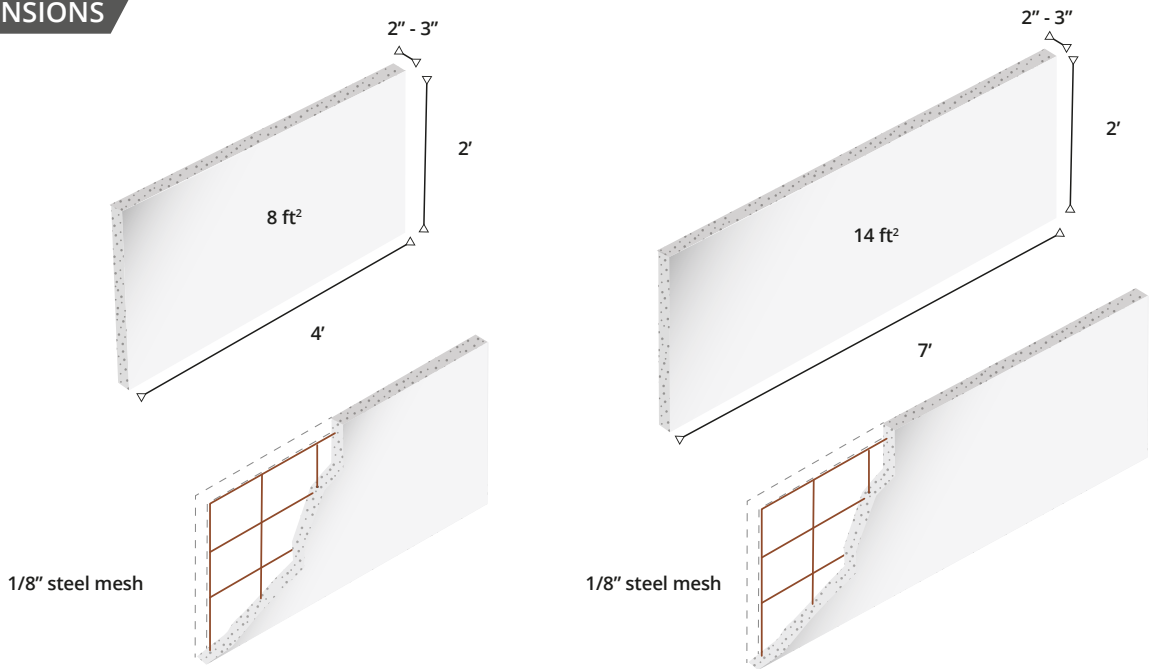
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**DIMENSIONS**



**MEASUREMENTS**

THICKNESS (in)	HEIGHT (in)	LENGTH (in)	AREA (ft²)	WEIGHT x PIECE (lb)	WEIGHT x FT² (lb)
1.97	24	48.00	8.00	40.96	5.12
1.97	24	80.11	13.33	68.25	5.12
1.97	24	96.06	16.00	81.92	5.12
2.95	24	48.00	8.00	61.44	7.68
2.95	24	80.11	13.33	102.37	7.68



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