



LEED™

Leadership in Energy and Environmental Design

ACOUSTICAL PERFORMANCE

Sound Absorption was tested in accordance with ASTM E90-02, ASTM C 423 (Type A mounting per ASTM E 795)

Product	Thickness	Absorption Coefficients @ Octave Band Frequencies (Hz)							NRC
		125	250	500	1000	2000	4000		
R-13	3.5"	0.95	1.3	1.19	1.08	1.02	1	1.15	
R-19	5.5"	0.97	1.37	1.23	1.05	1	1.01	1.15	
STC									
R-13	3.5"	21	40	48	52	46	48	45	

PHYSICAL PROPERTIES

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PHYSICAL PROPERTIES	PERFORMANCE	TEST METHOD
Surface Burning Characteristics (Fire Hazard Classification)	Flame Spread - 5 (Class 1) Smoke Developed - 35 (Class 1)	ASTM E 84 UL 723
Corrosion Resistance	Pass	ASTM C 739
Fungi Resistance	Pass - No Growth	ASTM C 739
Bacteria Resistance	Pass - No Growth	ASTM C 739
Moisture Absorption	Pass - Less than 15%	ASTM C 739
Fire Test of Building Materials	Pass - 1 Hour Rating	ASTM E 119 / UL-263

THERMAL/TECHNICAL INFORMATION

R-Value tested in accordance with ASTM C-518 at a temperature of 75°F. Higher R-values equal greater insulating power.

Product Code	Description	R Value	Thickness (inches)	Width (inches)	Length (inches)	Number of Batts / Bag	SQ FT / bag	Weight (pounds)	Bag Dimensions
22011	R-13-16	13	3.5	16	94	8	84	36	16" x 24" x 48"
22002	R-13-24	13	3.5	24	94	8	126	54	24" x 24" x 48"
22003	R-19-16	19	5.5	16	94	5	53	31	16" x 24" x 48"
22014	R-19-24	19	5.5	24	94	5	79	47	24" x 24" x 48"
22005	R-21-16	21	5.5	16	94	5	53	36	16" x 24" x 48"
22016	R-21-24	21	5.5	24	94	5	79	53	24" x 24" x 48"
22017	R-30-16	30	8	16	48	5	27	25	16" x 24" x 48"
22018	R-30-24	30	8	24	48	5	40	37	24" x 24" x 48"

PRODUCT COMPLIANCES

UltraTouch Natural Cotton Fiber Insulation physical properties meet the requirements of the following specifications, standards, and codes.

ICBO/ICC International Conference of Building Officials

CABO Council of American Building Officials

LEED Leadership in Energy and Environmental Design

CHPS Collaborative for High Performance Schools

California Bureau of Thermal Insulation Lic. #TI-1367 / Reg. # CA-T367AZ

BOCA Building Officials and Code Administrators

SBCCI Southern Building Code Congress International

CA-IAQ Environmental Specification # 1350

LARR city of Los Angeles Building and Safety