



SoundAway Corporation

Acoustic and Soundproofing Solutions



Leadership in Energy and Environmental Design (LEED™)

ACOUSTICAL PERFORMANCE

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

Description		Absorption Coefficients @ Octave Band Frequencies (Hz)						
Product	Thickness	125	250	500	1000	2000	4000	NRC
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

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

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 Strips / Bundle	SQ. FT. / Bundle	Weight (pounds)	Bundle Dimensions
22001	R-13-16	13	3.5	16	94	10	106	39	16" x 36" x 48"
22002	R-13-24	13	3.5	24	94	8	126	39	24" x 30" x 48"
22003	R-19-16	19	5.5	16	94	5	53	30	16" x 36" x 48"
22004	R-19-24	19	5.5	24	94	4	63	37	24" x 30" x 48"
22005	R-21-16	21	5.5	16	94	5	53	37	16" x 36" x 48"
22006	R-21-24	21	5.5	24	94	4	63	45	24" x 30" x 48"
22007	R-30-16	30	8	16	48	10	54	43	16" x 36" x 48"
22008	R-30-24	30	8	24	48	8	64	57	24" x 42" 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	BOCA Building Officials and Code Administrators
CABO Council of American Building Officials	SBCCI Southern Building Code Congress International
LEED Leadership in Energy and Environmental Design	CA-IAQ Environmental Specification # 1350
CHPS Collaborative for High Performance Schools	LARR city of Los Angeles Building and Safety
California Bureau of Thermal Insulation Lic. #TI-1367 / Reg. # CA-T367AZ	