



- **Environmentally Safe**
- **Class-A Fire Rated**
- **Maximum R-Value**
- **Superior Acoustics**
- **Resists Mold and Mildew**
- **No Formaldehyde or VOCs**
- **No Itch or Skin Irritation**
- **A LEED Eligible Product**

UltraTouch

ULTRATOUCH® INSULATION

Is a Class-A building material that can be used for both interior and exterior walls as well as most ceiling applications. UltraTouch can be installed in either wood or metal framing cavities and between furring channels by using a simple friction fit.

UltraTouch Natural Cotton Fiber Insulation is safe to handle and install without the need for protective clothing or special respiratory equipment.

PHYSICAL PROPERTIES

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

THERMAL/TECHNICAL INFORMATION

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

PRODUCT CODE	R-VALUE*	THICKNESS (MM)	WIDTH (MM)	LENGTH (M)	SQ. FT./BAG	WEIGHT
10000-01316	13	3.5" 89	16.25" 413	94" 2.34	106.07	48 lbs.
10000-01324	13	3.5" 89	24.25" 616	94" 2.34	126.63	58 lbs.
10000-01916	19	5.5" 140	16.25" 413	94" 2.34	53.04	30 lbs.
10000-01924	19	5.5" 140	24.25" 616	94" 2.34	63.32	35 lbs.
10000-02116	21	5.5" 140	16.25" 413	94" 2.34	53.04	37 lbs.
10000-02124	21	5.5" 140	24.25" 616	94" 2.34	63.32	45 lbs.
10000-03016	30	8.0" 203	16.25" 413	48" 1.22	54.20	43 lbs.
10000-03024	30	8.0" 203	24.25" 616	48" 1.22	64.64	57 lbs.

ACOUSTICAL PERFORMANCE

Sound Absorption was tested in accordance with ASTM E90-02, ASTM C423 (Type A mounting per ASTM E 795)

R-VALUE	THICKNESS (MM)	ABSORPTION COEFFICIENTS @ OCTAVE BAND FREQUENCIES (Hz)							
		125	250	500	1,000	2,000	4,000	NRC/STC	
R-13	3.5" 89	0.95	1.3	1.19	1.08	1.02	1.0	1.15 NRC	
R-13	3.5" 89	21	40	48	52	46	48	45 STC	
R-19	5.5" 140	0.97	1.37	1.23	1.05	1.0	1.01	1.15 NRC	
R-19	5.5" 140	40	53	57	63	53	63	57 STC	

PRODUCT COMPLIANCES

The physical properties of UltraTouch Insulation regularly meet the requirements, specifications, standards and building practices of the following organizations.

- 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



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