



Acoustical Surfaces, Inc.

SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION CONTROL SPECIALISTS

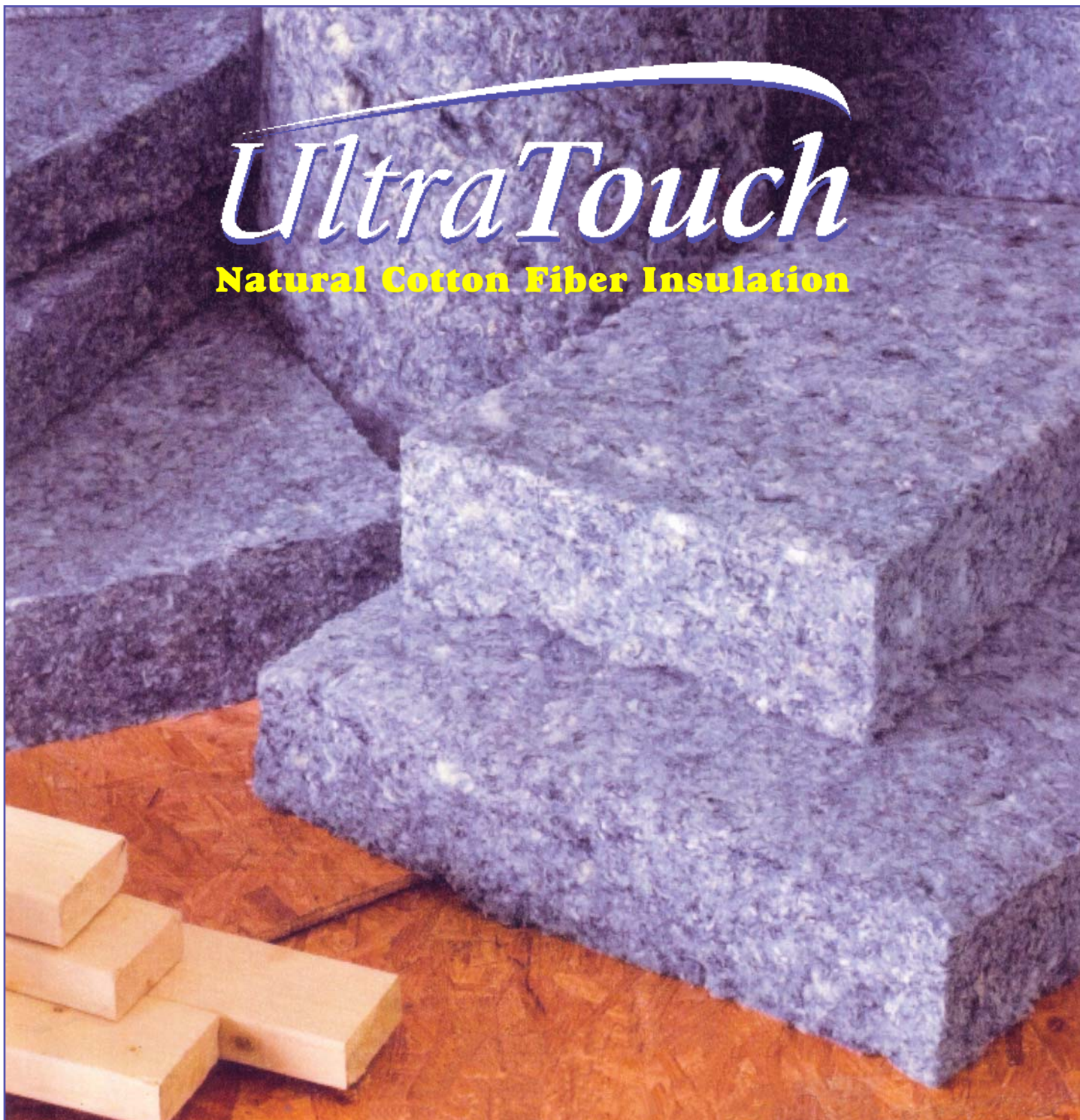
123 Columbia Court North • Suite 201 • Chaska, MN 55318

(952) 448-5300 • Fax (952) 448-2613 • (800) 448-0121

Email: sales@acousticalsurfaces.com

Visit our Website: www.acousticalsurfaces.com

We Identify and S.T.O.P. Your Noise Problem



UltraTouch Natural Cotton Fiber Insulation

- Soundproofing Products • Sonex™ Ceiling & Wall Panels • Sound Control Curtains • Equipment Enclosures • Acoustical Baffles & Banners • Solid Wood & Veneer Acoustical Ceiling & Wall Systems
- Professional Audio Acoustics • Vibration & Damping Control • Fire Retardant Acoustics • Hearing Protection • Moisture & Impact Resistant Products • Floor Impact Noise Reduction
- Sound Absorbers • Noise Barriers • Fabric Wrapped Wall Panels • Acoustical Foam (Egg Crate) • Acoustical Sealants & Adhesives • Outdoor Noise Control • Assistive Listening Devices
- OSHA, FDA, ADA Compliance • On-Site Acoustical Analysis • Acoustical Design & Consulting • Large Inventory • Fast Shipment • No Project too Large or Small • Major Credit Cards Accepted



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PERFORMANCE

ACOUSTIC

(www.acousticalsurfaces.com)

Controlling sound and noise transmission through walls, ceilings, and floors can be a complex challenge in designing and building a project. UltraTouch offers an extremely high Noise Reduction Coefficient (NRC) to effectively reduce airborne sound transmissions including traffic, airplanes, radio, television, and conversation.

The natural fibers used to make UltraTouch contain excellent sound absorbing qualities while the patented manufacturing process used to create UltraTouch produces a three-dimensional infrastructure that effectively traps, isolates, and controls sound waves. The result is a quiet comfortable environment between rooms, walls, and floors.



“Superior and Safe Insulation for You and Your Walls.”

THERMAL

(www.acousticalsurfaces.com) UltraTouch provides maximum R-Value performance. The unique construction of the insulation contains thousands of tiny air pockets that work to maintain strong thermal protection even in extreme temperature changes. The density of UltraTouch also contributes to providing a consistent thermal performance day in and day out.

UltraTouch is manufactured in “oversized” widths and is installed with a friction fit to ensure a tight fit and provide maximum fill capacity. This also reduces the chance for air convection and infiltration that can occur with smaller sized insulation.

Safe and Sustainable Building Products that You Can Count On.





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PEACE OF MIND!

“UltraTouch Will Help Improve Your Heating and Cooling Efficiency, Resulting in Energy and Cost Savings.”

ENVIRONMENTALLY SAFE

(www.acousticalsurfaces.com) The natural fibers that are used to manufacture UltraTouch are 100% recyclable, reducing landfill waste. The fibers are also 100% post-industrial, ensuring a high quality fiber.

UltraTouch requires a minimal amount of energy to manufacture aiding the environment with energy conservation and a reduction in pollution. Other insulation manufacturers consume considerably more energy while creating additional unwanted pollution and landfill waste.



“What’s in Your Walls?”

UltraTouch contains no chemical irritants and requires no warning labels compared to traditional products. UltraTouch contains no harmful airborne particulates that can enter your living area and the surrounding environment causing health concerns. UltraTouch has no VOC outgassing concerns and contains no formaldehyde or fiberglass.

MOLD RESISTANT

(www.acousticalsurfaces.com) Every natural fiber used to manufacture UltraTouch is treated with an EPA registered, non-toxic, borate solution and then “flash-dried” in our manufacturing process to offer complete and safe mold, mildew, bacteria, and fungi growth. Borates also act as an excellent fire retardant and pest inhibitor. UltraTouch’s mold resistant fibers offer long lasting protection and help reduce health and safety concerns.



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THE LOGICAL CHOICE



- ✓ No Itch or Skin Irritation
- ✓ Class A Fire Rated
- ✓ Resists Mold & Mildew
- ✓ Superior Acoustics
- ✓ Maximum Thermal Performance

- ✓ No Formaldehyde
- ✓ Environmentally Safe
- ✓ LEED Eligible
- ✓ Sustainable Building Product
- ✓ Easy to Use

• Soundproofing Products • Sonex™ Ceiling & Wall Panels • Sound Control Curtains • Equipment Enclosures • Acoustical Baffles & Banners • Solid Wood & Veneer Acoustical Ceiling & Wall Systems
 • Professional Audio Acoustics • Vibration & Damping Control • Fire Retardant Acoustics • Hearing Protection • Moisture & Impact Resistant Products • Floor Impact Noise Reduction
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TECHNICAL DATA

PHYSICAL PROPERTIES

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

ACOUSTICAL PERFORMANCE

Sound Absorption was tested in accordance with ASTM C 423 Type A mounting per ASTM E 795)

Absorption Coefficients @ Octave Band Frequencies (Hz)

Size	Thickness	125	250	500	1000	2000	4000	NRC
R-13	3.5"	.95	1.30	1.19	1.08	1.02	1.00	1.15
R-19	5.5"	.97	1.37	1.23	1.05	1.00	1.01	1.15

THERMAL TECHNICAL DATA

Tested in accordance with ASTM C 518 at mean temperature of 75°

Thickness		Width		Length		R-Value*
Inch	(mm)	Inch	(mm)	Inch	(mm)	
3.5	(89)	16	(406)	94	(2387)	13
3.5	(89)	24	(609)	94	(2387)	13
3.5	(139)	16	(406)	94	(2387)	19
3.5	(139)	24	(609)	94	(2387)	19

*The higher the R-Value, the greater the insulating power.

AVAILABLE SIZES

Product	R-Value	Length	Width	Thickness	Sq. Ft. / Bundle	Weight
BLP 11026-F	R-13	94"	16"	3.5	104	39 lbs.
BLP 11027-F	R-13	94"	24"	3.5	126	39 lbs.
BLP 11050-F	R-19	94"	16"	5.5	52	30 lbs.
BLP 11054-F	R-19	94"	24"	5.5	63	37 lbs.