

**UltraTouch: Natural Denim Insulation**

UltraTouch™ Denim Insulation is the successful combination of 35 years of insulation experience and a revolutionary patented manufacturing process that has created a superior and safe product.

UltraTouch is made from high-quality natural fibers. These fibers contain inherent qualities that provide for extremely effective sound absorption and maximum thermal performance. UltraTouch has no "fiberglass itch" and is easy to handle and work with. UltraTouch contains no chemical irritants and requires no warning labels compared to other traditional products. There are no VOC concerns when using UltraTouch, as it is safe for you and the environment.

UltraTouch is also a Class-A Building Product and meets the highest ASTM testing standards for fire and smoke ratings, fungi resistance and corrosiveness. UltraTouch™ Denim Insulation contains 80% post-consumer recycled natural fibers making it an ideal choice for anyone looking to use a high quality sustainable building material. UltraTouch makes installation user-friendly. The inclusion of perforated batts allows for quick and easy off-size cavity installation. Simply measure, tear, fit and you're done!

Is UltraTouch made from recycled blue jeans? Yes, UltraTouch is manufactured using post-consumer denim and cotton fibers that we source from various facilities. UltraTouch contains approx 80% recycled denim and cotton fibers.

Do I need protective clothing to install UltraTouch? UltraTouch has no fiberglass itch and is easy to handle. A dust mask is recommended for all construction work.

Is UltraTouch Fire Resistant? Yes, each natural fiber of UltraTouch is saturated with a natural fire retardant (borates) giving UltraTouch insulation a Class-A fire rating.

What are the perforations? UltraTouch contains several pieces per bag that are perforated for off-size cavity installations. Simply measure your cavity and tear along a perforation to create the properly sized piece. The batt should be roughly 0.5" wider than the actual cavity.

Can UltraTouch be installed in contact with recessed lighting? Yes, UltraTouch can be installed in contact with recessed lighting but the lighting MUST be IC Rated. An air gap of six inches would need to be left for non-insulated lighting cans.

What happens when UltraTouch gets wet? UltraTouch is manufactured to breathe and accept/release the moisture it receives in a timely manner. UltraTouch also contains active mold inhibitors as well.

Will mold affect UltraTouch? The fire retardant used in making UltraTouch also acts as an excellent mold and mildew inhibitor.

Does UltraTouch contain formaldehyde? No, UltraTouch does not contain any added formaldehyde or harmful irritants.

Does UltraTouch have a vapor barrier? No, UltraTouch is manufactured in batt form and is unfaced. If your local building code requires the use of a vapor barrier, we recommend a semi-permeable barrier be used.

What is the best way to cut UltraTouch? If a properly sized piece of insulation cannot be created using the perforations, please visit the "Cutting" section of the UltraTouch Denim Insulation product page for tips.

## Features & Benefits

### Performance

- UltraTouch does not itch and is easy to handle.
- UltraTouch is manufactured in oversized widths to ensure a tight friction fit and fill capacity.
- UltraTouch provides maximum R-value performance.
- UltraTouch is a Class-A Building material that meets or exceeds ASTM testing for both commercial and residential batt insulation.
- The UltraTouch patented proprietary process treats each individual fiber with a boron-based fire retardant. This treatment not only acts as a superior fire retardant, but also impedes the growth of fungus and mold.
- UltraTouch's patented manufacturing technology creates a three dimensional infrastructure that traps, isolates and controls sound waves.
- UltraTouch offers an extremely high Noise Reduction Coefficient to effectively reduce airborne sound transmission including traffic, airplanes, radios, television, and conversation.

### Health

- UltraTouch contains no chemical irritants and requires no carcinogenic warning labels compared to other traditional insulation products.
- UltraTouch contains no harmful airborne particulates eliminating health concerns regarding particulates in the surrounding environment.
- UltraTouch contains an EPA registered fungal inhibitor to actively resist the growth of mold, fungi and bacteria.
- UltraTouch meets the extremely stringent Environmental Specification 1350 Indoor Air Pollutant testing used for California Public Schools.

### Environment

- UltraTouch consists almost entirely of natural denim and cotton fibers that are 100% recyclable, reducing landfill waste. By weight, UltraTouch maintains an 80% post-consumer recycled content.
- UltraTouch requires a minimal amount of energy to manufacture aiding the environment with energy conservation and reduction in pollution compared to other types of traditional insulation.



### Text and images provided by:

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