

Recycled Cotton Acoustical Insulation for Best in Class: R-Value, \$-Value, Health and Environmental Safety

Product Overview

In yesteryear, batt insulations were itchy, hard to size and install properly and thermal performance was often lacking. Applegate Insulation pioneered the world's first engineered hybrid insulating and acoustical blanket insulation—Cotton Armor. Combining man's first fiber friend, cotton, with revolutionary 21st century BurnBarrier™ fire retardant and fiber processing technology makes Cotton Armor the world's foremost energy saving hybrid.

Applegate started as an insulation contractor back in the 50's and saw the numerous issues that yesteryears batt insulations caused for homeowners. We received many call-backs for drafty and noisy rooms, higher than anticipated energy costs and moisture problems related to old-fashioned batt insulations. From those experiences we realized that insulation installers and homeowners needed a better insulation—this need birthed Cotton Armor.

Key Benefits:

- Top thermal performance: save energy and energy dollars.
- Superb for personal wellness and air quality. Safe to touch, breathe and live with.
- Easy to install and does not itch.
- Superior sound control: 52–62 STC.
- Up to 11 LEED credits.
- Made 85% recycled content and contains cotton — creating an insulation as comfortable as your favorite pair of jeans.



Don't make a mistake! Make the naturally safe choice with Cotton Armor insulation.



Fast, Safe, Easy Installs

Safe & Easy to Install:

Cotton Armor does not itch, contain fiberglass, formaldehyde or other materials associated with increased health concerns.

Cut Cotton Armor using a utility knife, or rip it with your hands. You can cut it across or tear from top to bottom at any point, giving you a truly custom fit to your measurements—easy!

How Green?

In a Life Cycle Analysis, Applegate's Cotton Armor was found to be 54% more energy efficient* in production than fiberglass. This is due to the use of recycled renewable resources, and application of modern, energy-efficient electrical equipment, rather than the blast furnaces utilized in fiberglass manufacturing. Cotton Armor production was also found to result in less than 53% CO² equivalent (Kilograms of CO² and other gasses) and 29% less water than fiberglass manufacturing.

Sustainability:

By making use of natural fibers as opposed to overly manufactured man-made materials, Cotton Armor is the demonstrated choice for a sustainable and environmentally friendly insulation—saving both raw materials and energy through the use of recycled cotton. Cotton is harvested annually, and thus considered a rapidly renewable resource—this enhances Cotton Armor's ecological sustainability over other insulations. The production of cotton naturally harnesses the power of the sun, lowering its environmental impact compared to fossil fuel dependent insulations.

*Source: Life Cycle Analysis for Recycled Cotton Insulation
To request a copy of the Life Cycle Analysis :
<http://www.applegatecottonarmor.com/sustainability.php>

ACOUSTICAL & THERMAL
COTTON ARMOR[™]
Cotton Insulation



Just like a blanket to work with, the fiber composition makes for easy tearing and cutting. It's easily sized for hard to reach places.

Quick Specs:

- Sound deadening with up to 60+ STC ratings
- Contains minimum of 85% recycled content
- Up to 4.1 R-value per inch at 1"
- Up to 11 LEEDs credits
- No harmful VOCs
- Passes ASTM fungi resistance test
- Passes ASTM moisture absorption test
- Passes ASTM corrosion test
- Passes ASTM Class A building material flame spread and smoke developed ratings

The earth is the LORD's, and the fullness thereof; the world, and they that dwell therein.

– Psalm 24:1

BURNBARRIER[™]



applegatecottonarmor.com

855-6-COTTON

855-626-8866