

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



Safe to touch, breath and does not itch

## Key Benefits of Mr. Insulate Cotton Armor Acoustical & Thermal Insulation Blankets:

- High R-value; saves energy, which helps to minimize heating and cooling bills.
- Safe to touch, breathe and live with.
- Easier and more efficient to install than old-fashioned batt insulations.
- Great sound control qualities, 60+ STC ratings.
- Advantages add up to measurable cost savings.
- Made from cotton and denim, resulting in a very green insulation and creating a home as comfortable as your favorite pair of jeans.



FOR ASSISTANCE PLEASE CALL:

**855-6COTTON**

8 5 5 - 6 2 6 - 8 8 6 6



Applegate Insulation HQ

1000 Highview Drive

Webberville, MI 48892

517-521-3545

517-521-3597 FAX

## 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!



In yester-year, 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 fire retardant and fiber processing technology making Cotton Armor the worlds foremost energy saving hybrid.

Applegate started as an insulation contractor back in the 50's and saw the numerous issues that yester-years batt insulations caused for homeowners. We recieved 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 blanket insulation.

## About Applegate Insulation

Established in 1978, Aaron and his son Terry Applegate began manufacturing blown cellulose insulation out of a small facility in Okemos, Michigan. Today, Applegate headquartered in Webberville Michigan, is the largest privately-owned cellulose insulation manufacturer in the world, and supplies a variety of insulation products throughout the United States. Applegate currently operates facilities in Michigan, Wisconsin, Pennsylvania, Kentucky, Georgia, Louisiana, and Colorado.

For additional information regarding Applegate Insulation, visit [ABOUT US](#).

Cotton Armor Blanket Insulation -Reuses American resources to save American energy and your energy dollars.



## Quick Specs:

Cotton Armor insulation benefits –

- up to 3.9 R-value per inch
- contains a minimum of 85% recycled content
- meets or exceeds up to 11 LEED credits
- Class A fire rated per ASTM E-84
- no harmful VOCs
- passed ASTM fungi resistance test
- passed ASTM moisture absorption test
- passed ASTM corrosion test
- does not itch and is safe to handle and live with
- excellent sound deadening, an R-13 insulated wall has a 52 STC rating and an R-21 insulated wall has a STC of 54 - Party walls can acheive STC ratings over 60



## How Green is Cotton Armor?

Cotton Armor is green in many different ways. Cotton Armor is made from recycled cotton denim and takes less energy to produce than fiberglass which requires copious amounts of fossil fuels to melt and form the glass. Its incredible insulating effectiveness will lower the energy needed to heat and cool your home, adding some green to your wallet. Cotton Armor also contains at least 85% recycled content. Cotton Armor insulation is very green as it reuses American resources to save American energy and your energy dollars.

## Sustainability:

In a Life Cycle Analysis, 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.

Thus, 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.

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

*"For every house is built by some man; but he that built all things is God." – Hebrews 3:4*

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