



Cotton Armor Sound Solutions

The Natural Defense Against Noise Pollution

Cotton Armor is the 21st century hybrid sound solution; utilizing the ancient acoustical properties of cotton, technologically coupled with a proprietary production process resulting in a sustainable high performance defense against unwanted sound. Cotton Armor contains 85% recycled content and utilizes cotton denim fibers, making it an environmentally sustainable sound control solution. It's non-irritating and as safe to use as your favorite pair of jeans.

Sound Panels and Baffles

Cotton Armor Sound Panels are 2' by 4' and available in one and two inch, three-pound density panels. The Sound Panels have the following Sound Absorption Ability (SAA) ratings of .88 (1") and 1.04 (2") and Noise Reduction Coefficient (NRC) .90 (1") and 1.05 (2").

Test results in Sabines are available for both one and two inch thick Cotton Armor Sound Baffles.

Acoustical and Thermal Insulation Blankets

Cotton Armor Acoustical Insulation is optimally sized for 16" and 24" o.c. residential and commercial framing and have the following Sound Transmission Class (STC) ratings. The higher the STC rating the better the sound deadening ability of the material.

An R-13 Cotton Armor insulated wall: 52 STC

An R-19 Cotton Armor insulated wall: 53 STC

An R-21 Cotton Armor insulated wall: 54 STC

For Party Walls:

An R-19 Cotton Armor insulated wall: 59 STC
with two layers of Cotton Armor: 62 STC

About Applegate Insulation

Established in 1978, Aaron and his son Terry Applegate began manufacturing 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](#).

