

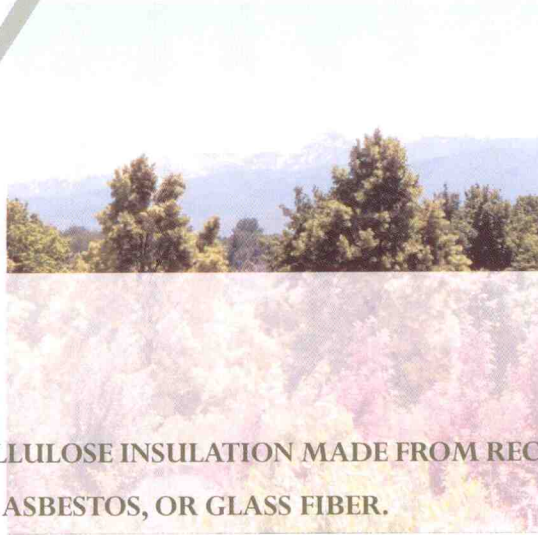
RECYCLED PAPER...

GOOD FOR THE ENVIRONMENT,

GREAT FOR INSULATION



**MOUNTAIN FIBER**  
INSULATION, INC.



**MOUNTAIN FIBER FEATURES CELLULOSE INSULATION MADE FROM RECYCLED PAPERS. IT IS NON-TOXIC, AND HAS NO FORMALDEHYDE, ASBESTOS, OR GLASS FIBER.**

Due to a unique fire retardant made of 100% borate, this insulation is nonflammable. It is a sprayed-in-place insulation applied to the wall cavities of new construction. It is high in R-value, with proven performance. Mountain Fiber Insulation eliminates the voids and air pockets common with other insulation materials, and reduces air infiltration. In addition to this unique thermal performance, Mountain Fiber Insulation provides the added advantage of some pest control.

**CELLULOSE FIBER INSULATION HAS BEEN USED IN BUILDING FOR OVER HALF OF A CENTURY**

It is recycled cellulose fiber made from selected newsprint. In the manufacturing process these fibers are treated with **100 % Borate** (boric acid / sodium poly borate) flame retardant chemicals manufactured by InCide Technologies in Phoenix, Arizona. We use the Zone Defense (EPA REG. NO. 44757-3) which provides an insecticide in the insulation. We **do not** use any ammonium compounds for our fire retardants. These organic fibers are lightweight, non-toxic, will not scratch or irritate normal skin, and have no objectionable odor.

## MOUNTAIN FIBER INSULATION CAN BE USED IN NEW OR OLDER DWELLINGS

Mountain Fiber Cellulose Insulation makes it possible to achieve the optimum insulatory values in single family dwellings, commercial and industrial facilities, in new construction and the retrofitting of structures with presently inadequate insulation. In attics, the fibers can be blown over existing insulation, filling the voids which often have developed with older insulation. Cellulose applied in a continuous seamless blanket, achieves the highest possible R-value per inch of any fibrous insulation.

### RESEARCH SHOWS CELLULOSE TO BE UP TO 40% BETTER THAN FIBERGLASS AT CONTROLLING AIR INFILTRATION

Mountain Fiber Cellulose Insulation is very effective at sealing buildings against air infiltration. Controlled air infiltration is one of the most important factors for energy efficiency in the thermal performance of a building. Mountain Fiber Cellulose Insulation is an Underwriters Laboratories and Energy Star labeled product. It contains no asbestos, formaldehyde, or glass fibers, and meets the safety standards of the U.S. Consumer Products Safety Commission (CPSC), American Society of Testing Materials (ASTM), the Cellulose Insulation Manufacturers Association (CIMA), and Federal Specification HHI-515.

Cellulose has been tested at Riverbank Acoustical Laboratories for Sound Transmission Classification (STC). In full scale wall testing, cellulose effectively reduces the airborne sound from room to room. This added benefit of cellulose is especially important for apartments, condominiums, offices, and hotels, as well as your home. Buildings insulated with cellulose have a noticeable "quietness." The sharp sounds that easily transmit through normally insulated structures are subdued by the increased mass of cellulose.

These standards ensure the highest quality of insulation products.

### HOW MUCH MOUNTAIN FIBER INSULATION IS REQUIRED?

The yardstick for how much insulation is its R-value - its ability to resist the flow of heat. The higher the R-value, the better the insulation. (The "R" stands for thermal resistance to heat flowing out in the winter and flowing in during the summer.) Products similar in appearance and thickness can have considerable differences. R-value, not inches, determines the effectiveness of the insulation. Mountain Fiber Cellulose Insulation has a high R-value per inch.



R-Value per one inch thickness	
Mountain Fiber Cellulose	3.75
Rockwool	2.93
Fiberglass	2.20

(Based on ASTM C177)



