

United States Gypsum Company

300 W. Adams Street, Chicago, Ill.

Sales Offices in Principal Cities

PRODUCTS

Strip Wool
Bat Wool
Junior Bat Wool
Granulated Wool

Insulating Building Board
Insulating Lath
Metal Reinforced
Insulating Lath
Insulating Tile

Insulating Plank
Insulating Mouldings
Roof Insulation
Asphalt Coated Sheathing

RED TOP INSULATING WOOL

Description

Red Top Insulating Wool is an extremely light, fluffy mineral fiber insulation—a fireproof material.

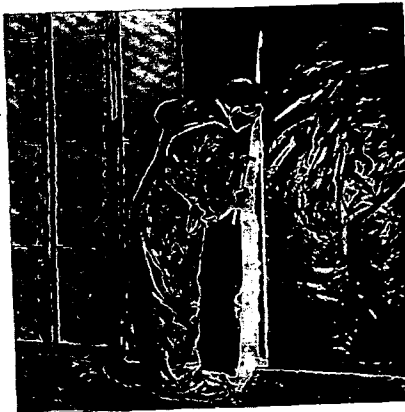
The nature of the raw materials used, permits accurate manufacturing control—the product is uniform and long-fiber wool. It contains a minimum of non-insulating materials. It is springy and resilient.

Low Thermal Conductivity

The heat conductivity of Red Top Insulating Wool (1-½ lb density) is 0.266 Btu per inch thickness, per square foot per hour, per degree Fahrenheit difference in temperatures. (Tests by Professor Peebles, Armour Institute of Technology).

Light Weight (Density)

In its standard density, Red Top Insulating Wool weighs but 1-½ lb per cubic foot. It is furnished in full and semi-thickness.



Applying Red Top Strip Wool between studs. Strip Wool has a waterproof paper backing with a 2 in. flange for nailing to studding. Used as shown it prevents the entrance of moisture into the insulation.

WEATHERWOOD BOARD

Weatherwood Insulating Board is a felted wood fiber product that has been treated to make it highly moisture resistant. It is a homogeneous board, free from laminations and tendencies to split through the center.

Low Thermal Conductivity

The average established in tests is 0.33 Btu per hour, per square foot per inch thickness, per degree Fahrenheit difference in temperature.

Resistance to Moisture

Tests show that this board, after being submerged in water for a period of two (2) hours, has an average water absorption of less than 15 per cent.

Structural Strength

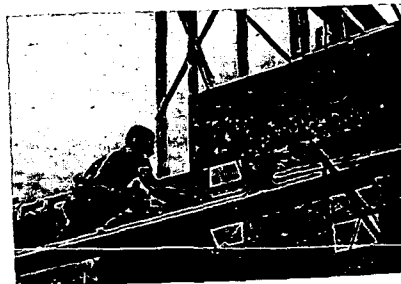
The tensile strength is over 300 lb per square inch, and the modulus of rupture, over 500 lb.

Durability

There is nothing in this board that will deteriorate and impair the original insulation value. The Moisture Resistant chemical makes the board distinctly distasteful to rodents and insects.

Uniformity

Adequate laboratory control and mill inspection assure uniformity in density and structural strength.



Applying Asphalt Coated Sheathing

Western Felt Works

4029-4117 Ogden Avenue, Chicago, Ill.

LARGEST INDEPENDENT MANUFACTURERS OF FELT

		Branch Offices			
NEW YORK	BOSTON	ST. LOUIS	LOS ANGELES	DENVER	
CLEVELAND	DETROIT	CINCINNATI	SAN FRANCISCO	PHILADELPHIA	

Manufacturers and Cutters of Wool, Hair and Jute Felts

WESTERN FELT WORKS, as a leading manufacturer and cutter of FELT, operates a thoroughly modern mill and completely equipped cutting department. Competent and up-to-date research and laboratory technicians are available at all times without obligation, to anyone whose field touches our products.

AVAILABLE IN ROLLS, SHEETS OR CUT TO SPECIFICATIONS—Western Felt products are used most commonly in heating, ventilating and air conditioning installations for eliminating noise transmission and as an insulation against heat losses and cold penetration.

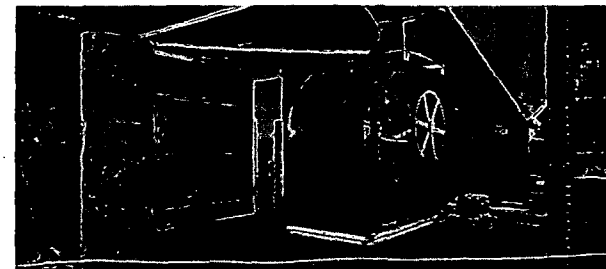
WESTERN FELTS FOR SOUND CONTROL—Noises created by the operation of air conditioning equipment must be entirely eliminated at their source or neutralized and deadened during their course of travel through the air ducts. For such purposes Western Felts are especially adapted for lagging on air ducts, where it does triple duty—as a sound deadener of noises caused by the air conditioner itself—by preventing noises originating outside the system from being transmitted via the air ducts—and, because of its low rate of thermal conductivity, it serves as an insulation against heat losses through the duct structure.

CUT TO REQUIRED SHAPES AND SIZES—Western Felts serve efficiently, as shock pads under such machinery as oil burners, stokers, fans, blowers, pumps, etc. Western Felts used in this manner counteract destructive vibrations and the resultant noises which would otherwise pass through air ducts to the various rooms.

OTHER USES FOR WESTERN FELTS—Fabricated of wool, hair, or jute, Western Felts are available for a wide variety of other uses, such as weatherstrips, anti-squeak strips, insulation material, gaskets, washers, packing material, floor pads—in sheets, rolls or cut to special requirements. Important is the use of felt strips as a dust seal between the room register and wall.

APPLICATION OF WESTERN FELT—Strength of fibre, flexibility and easy working characteristics of Western Felts make them simple to handle. Flat surfaces or irregular contours are easily and quickly covered at low labor cost.

Write for free samples and further information describing the use of Western Felts for air conditioning units, or other purposes.



Showing how Western Felt is used as mounting material at base of motor and blower units to reduce vibration and subdue noises.