Western Felt Works

4029-4117 Ogden Avenue, **Chicago, Ill.**

LARGEST INDEPENDENT MANUFACTURERS OF FELT

Branch Offices

PITTSBURGH NEW YORK BOSTON ST. LOUIS LOS ANGELES DENVER DALLAS CLEVELAND
DETROIT CINCINNATI SAN FRANCISCO PHILADELPHIA SEATTLE PORTLAND

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.

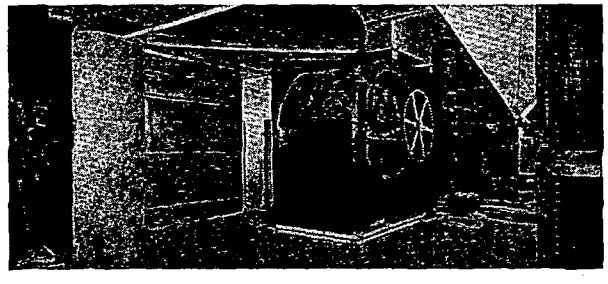
CUT TO REQUIRED SHAPES AND SIZES—Western Felts serve efficiently, as shock pads under such machinery as oil burners, stokers, fans, blowers, pumps, etc. Western Felts used in this manner counteract destructive vibrations and the resultant noises which would otherwise pass through air ducts to the various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

ADHESIVE COATED FELT—A new idea in felt which eliminates the old glueing method—adhesive coating which adheres to either metal or wood. Used extensively for streak proof installations on registers and grilles.

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.

Wood Conversion Company

First National Bank Building, **St. Paul, Minn.**

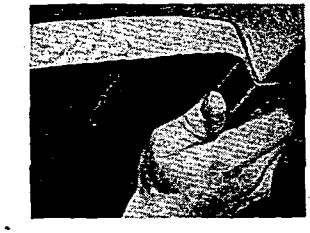
NEW YORK CHICAGO TACOMA DALLAS

BALSAM-WOOL AND NU-WOOD INSULATIONS

BALSAM-WOOL	NU-WOOD	NU-WOOD
Sealed Insulation	Tile	Lath
Acoustical Blanket	Plank	Roof Insulation
Sound Deadening	Board	Industrial Insulation
Industrial Insulation	Wainscot	Refrigerator Insulation
Refrigerator Insulation	Sheathing	KOLOR-TRIM Pre-decorated Moldings

BALSAM-WOOL—The Original Moisture Barrier Insulation

The Moisture Barrier, which is universally recommended by engineers and architects, has been incorporated in Balsam-Wool for 17 years. This Barrier, improved as construction and equipment demanded, now consists of double layers of asphalted kraft—a heavier liner being used on the warm side. Encased between this protective covering is an insulating mat of fleecy wood fibres, chemically treated to resist fire, rot, termites and vermin. 92 per cent of the mat volume is dead air.



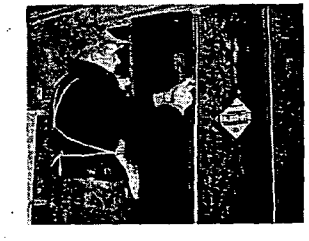
*Balsam-Wool Spacer Flange**

Balsam-Wool SEALED Insulation is fabricated at the factory to a controlled density of 2.2 lb per cubic foot. The mat has a coefficient of .25 Btu per hour, per square foot, per 1 degree F difference in temperature, per 1 in. thickness.

As applied, factory efficiency is assured. The Spacer Flange* on each edge folds over and is fastened to framing members with a staple hammer, assuring important air space, front and back.

Balsam-Wool is available in ½ and 1 in. thicknesses in widths of 12, 16, 20, 24 and 33 in.—Wall-thick in widths of 12, 16, 20 and 24 in.

*Pat. Applied For.



Application is quick and easy

NU-WOOD INTERIOR FINISH—STRUCTURAL INSULATION

Nu-Wood Interior Finish (Tile, Plank, Board and Wainscot) is applicable either to new construction or to existing buildings. It offers varied and pleasing decoration, also insulation and acoustical value.

Nu-Wood Insulating Lath has several times the bonding strength of wood lath—continuous surface eliminates dirty lath marks, reduces cracks. V-joint resists trowel pressure in both directions—assures unbroken insulation value.

Nu-Wood Insulating Sheathing is surfaced on both sides with double coats of special moisture proofing compound. Large boards, marked for nailing—speed erection—stronger, windproof, insulated construction.