

Silvercote Products, Inc.

161 East Erie Street, Chicago, Ill.



SILVERCOTE INSULATION

Silvercote—A reflective insulation designed to retard the transfer of heat by a combination of heat reflective surfaces and air spaces, is manufactured in three forms to meet various insulation requirements.

Silvercote Fabric—A fabric reinforced insulation and vapor barrier consisting of two sheets of Silvercote paper laminated with specially prepared asphaltum and reinforced with an interlining of $\frac{1}{2}$ in. mesh jute fabric imbedded in the lamination. The two exposed silver-like surfaces retain their high reflectivity to radiant heat under the most severe conditions encountered in the building construction, air conditioning and refrigeration fields. Silvercote Fabric weighs approximately 100 lb per thousand sq ft and is available in 500 sq ft rolls in standard widths of 26 in., 36 in., 49 in., and 52 in. Special widths up to 120 in. can be manufactured for industrial users.

Silvercote Duplex—A product similar to Silvercote Fabric except that the reinforcing fabric is omitted. Silvercote Duplex has the same insulating and vapor barrier values as Silvercote Fabric. Silvercote Duplex is available in standard widths of 26 in., 36 in., 49 in., and 52 in. in 500 and 1000 sq ft rolls. Weight: approximately 65 lb per thousand sq ft.

Silvercote Simplex—An economical reflective insulation designed for use where a vapor barrier is not called for. Silvercote Simplex is a single sheet of kraft paper coated on both sides with the Silvercote surface. Silvercote Simplex is available in 2000, 1000 and 500 sq ft rolls of 36 in. and 54 in. width. Weight: approximately 30 lb per thousand sq ft.

SILVERCOTE—HEAT AND WATER VAPOR BARRIER

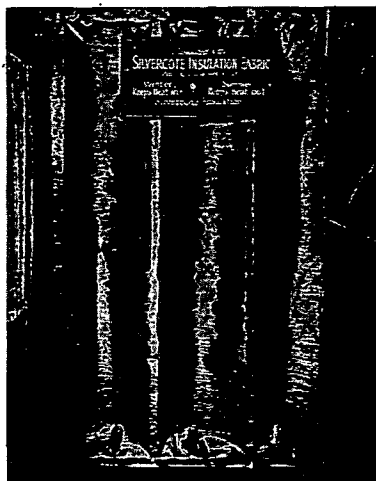
Insulation Value—The thermal conductance of Silvercote Fabric dividing a $1\frac{1}{2}$ in. vertical air space has been established by laboratory test as 0.23 Btu per hour per sq ft per deg F. The thermal conductance of Silvercote Fabric mounted in the center of a $1\frac{1}{2}$ in. horizontal air space with heat flow in the upward direction is 0.26 Btu per hour per sq ft per

degree F. With heat flow in the downward direction the thermal conductance is 0.16 Btu per hour per sq ft per degree F. The emissivity of Silvercote has been found by test to be 0.17. Copies of test reports on the conductance or emissivity of Silvercote are available upon request. Silvercote Duplex and Silvercote Simplex have the same insulation value as the Fabric.

Water Vapor Permeability—Silvercote Fabric and Silvercote Duplex each have a permeability to water vapor transmission of approximately 0.40 grains per hour per square foot per pound per square inch difference in vapor pressure. This is approximately $\frac{1}{2}$ of the maximum allowable transmission for materials classed as vapor barriers.

ENGINEERING SERVICE

For complete specifications and engineering service address Silvercote Products, Inc., 161 East Erie Street, Chicago 11, Illinois.



Silvercote Fabric 36 in. wide applied over inside face of studs 16 in. on center. Excess 4 inch width in two stud spaces permits suitable vapor seal lap and forms sealed air space between Silvercote insulation and interior finish.

Wood Conversion Company

Dept. 220-8 First National Bank Building

St. Paul 1, Minnesota

NEW YORK

CHICAGO



EFFICIENT INSULATION FOR EVERY NEED

For many years a leader in the insulation field, Wood Conversion Company manufactures a complete line of flexible, fiber and rigid insulation for all industrial and domestic purposes. This insulation is the product of scientific research, and is especially designed to embody the most desirable qualities for every use. Backed by the name of Weyerhaeuser, Wood Conversion Company insulation assures high efficiency and long, satisfactory service.

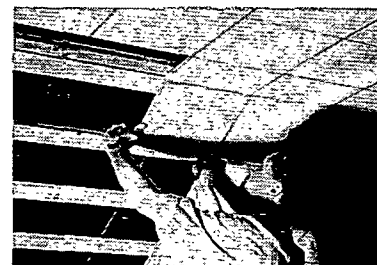
Balsam-Wool Sealed Blanket Insulation—A building insulation that is completely armored against the three major insulation enemies—wind, vibration and moisture. The Balsam-Wool mat is completely enclosed in tough waterproof liners which surround all four sides, with spacer flanges which assure positive application. Balsam-Wool will not settle or pack down within walls—is fire retardant and vermin-proofed.

K-25 Fiber—A clean, new wood fiber

insulation with an amazingly low K factor. Shipped in compact bales, K-25 is easily processed on the job to create a lastingly effective insulation and is ideal for use in locker plants, cold storage plants, walk-in coolers, etc.

K-25 Fiber Pneumatic System—The modern, high-speed, automatic way to insulate domestic refrigerator cabinets and doors. Fluffed to proper low density in the manufacturer's plant, K-25 is blown into cabinets and doors under high pressure, forming a tightly felted insulating mat without joints, laminations or voids.

Tufflex—A soft, felted blanket material made from fleecy wood fiber, combines high insulating efficiency with toughness and exceptional resistance to heavy impact blows. Tufflex is light in weight and non-abrasive—will not tear or pull apart even when cut into narrow strips. Tufflex is available in rolls or sheets of various thicknesses and widths.



NU-WOOD STRUCTURAL INSULATION

Nu-Wood Interior Finish—A multiple-purpose wood fiber material available in tile, plank and board. Nu-Wood insulates, decorates and quiets noise. Nu-Wood's colors are soft and harmonious—will not fade. The Nu-Wood interior finish line includes Sta-lite, an insulating interior finish with more than 70 per cent light reflection.

Nu-Wood Insulating Lath—Used as a plaster base, assures strong, smooth, true walls and ceilings, free from cracks.

Nu-Wood Roof Insulation—Will fill all requirements of Federal specification LLL-N-321A. Furnished in any practical thickness.