Kimberly-Clark Corporation

Neenah, Wisconsin

KIMSUL INSULATION

REG. U. S. & CAN. PAT. OFF.

. . . to increase efficiency in Heating, Ventilating, Air Conditioning

A PRODUCT OF Kimberly Clark RESEARCH

THERMALLY EFFICIENT!

KIMSUL* blanket insulation in an attic will usually make a house up to 15 degrees cooler in summer, comfortably warm in winter. Fuel cost is often cut 30 per cent by KIMSUL. Thermal efficiency: 0.27 Btu/hr/sq ft/deg F/in. (J. C. Peebles, Armour Institute).

RESISTS FIRE, MOISTURE, VERMIN, INSECTS, FUNGUS!

PERMANENT!

Strong stitching prevents shifting, sagging, settling—Hence, no *transoms* through which heat can leak. Made of wood-fiber, impregnated with asphalt, KIMSUL lasts indefinitely.

ECONOMICAL!

Because it is compact (stretches to 5 times packaged length), KIMSUL is less expensive to store, ship, handle. Installation cost is small also, because it is exceptionally easy to apply . . can be shaped swiftly around obstacles, as it is flexible as a towel.



3 THICKNESSES—4 STANDARD WIDTHS!

KIMSUL blanket comes in Commercial Thick (nominally ½ in.), Standard Thick (nominally 1 in.) and Double Thick (nominally 2 in.) . . . giving you choice of thicknesses to fit specific needs. Each thickness is available in four standard widths: 16 in., 20 in., 24 in., and 48 in.

Consult Our Engineers

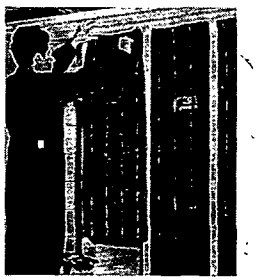
Heating and ventilating engineers, architects, contractors and builders are invited to discuss their insulation problems with our engineers. These insulation experts are equipped to render a valuable advisory service . . . and to give accurate information regarding the application of KIMSUL to all types of construction.

Send for free KIMSUL book giving full technical data

*Kimsul (trade mark) means Kimberly-Clark insulation.



To cut the compressed KIMSUL blanket to length required, simply count off trade marks—placed approximately 24 in. apart when blanket is expanded—allow about 6 in. for end fastening, and cut.



To install KIMSUL in walls, partially expand blanket and attach to under-side of top plate with fiber strip provided. Expand blanket to base of wall and attach similarly. Then staple KIMSUL to sides of studs.



Ordinarily a difficult job, insulation of sloping roofs is usually a one man job with KIMSUL. Simply fasten blanket to sides of rafters and collar beams.

HOW KIMSUL INCREASES WINTER COMFORT BY RAISING WALL AND CEILING SURFACE TEMPERATURES

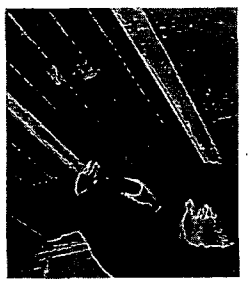
		Wall Surface Temperature, Deg	Ceiling Surface Temperature, Deg
No Insulation		60.0	52.0
KIMSUL in Walls and Ceilings	Commercial Thick	64.4	60.0
	Standard Thick	65.3	63.0
	Double Thick	66.5	65.4
	Commercial Thick in Walls Standard Thick in Ceilings	64.4	63.0
	Commercial Thick in Walls Double Thick in Ceilings	64.4	65.4
	Standard Thick in Walls Double Thick in Ceilings	65.3	65.4
KIMSUL in Ceilings only	Commercial Thick	60.0	60.0
	Standard Thick	60.0	63.0
	Double Thick	60.0	65.4

HOW KIMSUL LOWERS FUEL BILLS

		Tons of Coal per Season	Tons Saved per Season	Per Cent of Fuel Saved
No Insulation		12.1	....	....
KIMSUL in Walls and Ceilings	Commercial Thick	8.0	4.1	33.9
	Standard Thick	7.1	5.0	41.3
	Double Thick	6.4	5.7	47.1
	Commercial Thick in Walls Standard Thick in Ceilings	7.5	4.6	38.0
	Commercial Thick in Walls Double Thick in Ceilings	7.0	5.1	42.1
	Standard Thick in Walls Double Thick in Ceilings	6.7	5.4	44.6
KIMSUL in Ceilings only	Commercial Thick	9.1	3.0	24.8
	Standard Thick	8.5	3.6	29.7
	Double Thick	8.1	4.0	33.1

Calculations apply to a one-story home in the Chicago area.

As shown in the table, almost any desired performance can be produced by insulating with KIMSUL. The *economic thickness* provides the best balance between insulation costs and resultant fuel savings.



KIMSUL installs easily in flat roofs and ceilings. After cutting blanket to proper length, expand it and fasten one end to top wall plate. Pull across, and fasten other end to opposite wall plate. Fasten edges if there is no supporting finishing material.



To install KIMSUL in attic floor, place blanket directly on plaster base, with paper side down. Fasten one end, expand blanket, and fasten other end. That's all!



Left-overs and odd pieces of KIMSUL are ideal for caulking spaces around window frames and doorways. Stops drafts and wasteful heat leaks.