Kimberly-Clark Corporation

Neenah, Wisconsin

KIMSUL INSULATION

KIMSUL* insulation . . . a many-layer, wood fiber blanket with these 12 advantages:

A PRODUCT OF Kimberly Clark RESEARCH

1. Many-layer Construction. KIMSUL* insulation is scientifically designed on the many-layer principle. Dozens of layers create millions of tiny trapped-air cells, effectively shut heat in during winter, lock it out in summer.

2. Handy Compressed Package. KIMSUL comes compressed to 1/5th installed length. Reduces storage, shipping and handling charges.

3. Extra Width. The KIMSUL blanket is made extra wide to provide fully insulated fastening edges.

4. Flexibility. Fits in corners, tucks behind pipes, electrical wiring and other obstructions.

5. Excellent Caulking. Trimmed pieces make effective caulking around window and door frames.

6. PYROGARD† fire-resistant cover. Chemically treated to resist fire just as the inner layers of KIMSUL are treated.

*T.M. Reg. U.S. & Can. Pat. Off.
†Trademark

7. Low "k" Factor. Thermal efficiency: 0.27 Btu/hr/sq ft/ deg F/in. (J. C. Peebles, Armour Institute).

8. Lasting Protection. KIMSUL is long-lived because of the materials from which it is made: wood fibers impregnated with asphalt.

9. Resists Fire, Moisture, Vermin and Fungi—Is Termite-Proof.

10. Non-Settling. Won't sag or settle. Rows of strong stitching, running the length of the blanket, hold KIMSUL at the proper density.

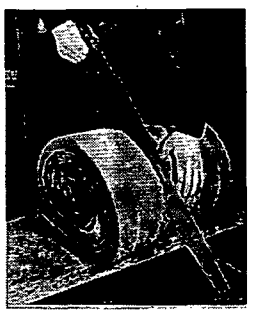
11. Light Weight . . . Easy To Install. 1,000 sq ft of Standard Thick KIMSUL weighs 115 lbs. Average density, including PYROGARD cover is 1.4 lbs per cu ft. A precut, prefabricated blanket, KIMSUL is easy for any one to install.



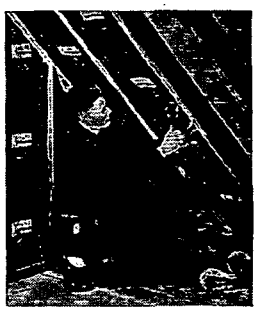
12. 3 Thicknesses . . . 4 Widths. KIMSUL blanket comes in Commercial Thick (about ½ in.), Standard Thick (about 1 in.) and Double Thick (about 2 in.) . . . giving choice of thicknesses to fit specific needs. Each thickness is available in four standard widths: 16 in., 20 in., 24 in., and 48 in.



For easy measuring, trademarks are printed at approximately 2 ft intervals on expanded blanket.



KIMSUL can be cut to fit non-standard spaces. Just saw the KIMSUL roll as shown.



Clean, rapid and permanent installation in walls, ceilings or roofs. No sharp particles.

PERFORMANCE OF

KIMSUL INSULATED WALLS AND CEILINGS

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.		Surface Temperature (F)		Coal Consumption Reductions		
		Wall	Ceiling	Tons per Season	Tons Saved per Season	% Coal Saved
No Insulation....		60.0	52.0	12.1		
KIMSUL in Walls and Ceilings...	Commercial Thick	64.4	60.0	8.0	4.1	33.9
	Standard Thick	65.3	63.0	7.1	5.0	41.3
	Double Thick	66.5	65.4	6.4	5.7	47.1
	Commercial Thick in Walls Standard Thick in Ceilings	64.4	63.0	7.5	4.6	38.0
	Commercial Thick in Walls Double Thick in Ceilings	64.4	65.4	7.0	5.1	42.1
	Standard Thick in Walls Double Thick in Ceilings	65.3	65.4	6.7	5.4	44.6
KIMSUL in Ceilings Only	Commercial Thick	...	60.0	9.1	3.0	24.8
	Standard Thick	...	63.0	8.5	3.6	29.7
	Double Thick	...	65.4	8.1	4.0	33.1

SPECIFICATIONS AND INFORMATION

Specification	Nominal Thickness	Thermal Resistance "R"	Sq Ft/Roll Standard Widths		Approximate Net Weight per M Square Feet
			16, 20, 24 Inches	48 Inches	
Commercial Thick	0.5 In.	1.85	200	500	75 Lbs.
Standard Thick	1.0 In.	3.70	200	500	126 Lbs.
Double Thick	2.0 In.	7.40	100	250	236 Lbs.



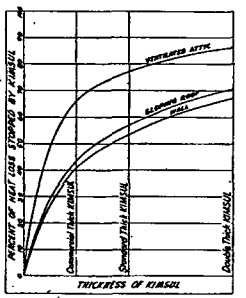
FOR YOU—

This Application Data File.

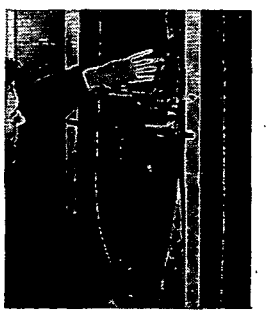
A technical manual to help solve your insulation problems. A request on your letterhead will bring you a free copy.



Adapted for attic insulation in new or existing structures.



Graph shows percentage of heat loss stopped by the various thicknesses of KIMSUL.



Flexible KIMSUL is easily applied to difficult positions.