

Lockport Cotton Batting Co.

Lockport, New York

LO-K COTTON INSULATION

Fireproofed and Manufactured under
Department of Agriculture Specifications

A Proven Insulation

Through a long list of successful performances on Defense Housing and Prefabrication Contracts, Lo-K presents an established reputation for effective insulation. It is manufactured by one of the nation's leading processors of cotton for 75 years and Fireproofed by Lockport's distinctive process perfected by a dozen years of actual experience.

Cotton has been king in the field of warmth and protection for a century. For clothing and bedding, cotton has set a standard. Lo-K insulation brings the same insurance of warmth to home construction—it covers the house like an old fashioned comfort. Its features and economies apply equally to industrial insulation problems.

Practical

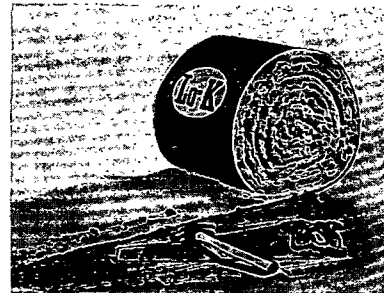
Lo-K has exactly what the name implies—low thermal conductivity. The *k* value of cotton insulation, as described in the Insulation section of this Guide is 0.24 Btu per hour, per square foot, per 1 degree F. per inch of thickness. Compare this with the *k* value of other insulation materials in the table.

INSULATING VALUE OF VARIOUS INSULATORS*

The coefficients of conductivity (*k* value) are expressed in Btu per hour per square foot per degree Fahrenheit per 1 inch of thickness.

Type of Insulation	Wgt. per Cu. Ft.	<i>k</i> * Value
Cotton: Insulating Batt.....	.875	0.24
Rock Wool: Fibrous material made from rock.....	10.00	0.27
Mineral Wool: Fibrous material made from mineral slag.....		0.27
Glass Wool: Fibrous material made from glass slag.....	1.50	0.27
Rigid Insulation made from sugar cane fibre.....	13.50	0.33
Chemically treated wood fibre between layers of paper.....	3.62	0.25
Eel grass between layers of paper.....	3.40	0.25
Stitched and creped expanding fibrous blanket.....	1.50	0.27
Shavings: Various from planer.....	8.80	0.41
Corkboard: No binder added.....	7.00	0.27
Rigid insulation made from wood fibre.....	15.90	0.33
Rigid fibre board made from shredded wool and cement.....	24.20	0.46

*Compiled from Table 2 in Chapter 4.
***k** indicates temperature conductivity



Its fireproofing process complies in full with all Specifications of the Department of Agriculture governing cotton insulation. The effectiveness of this process can be seen in the fact that cotton so treated has shown under test that it withstands a blow torch flame of 1500 F.

In addition, this process provides a basic resistance to all natural air moisture deterioration. Resistance to mildew and rot are established through special manufacturing process. Lo-K can be used with full confidence in its long lasting quality.

Economical

Lo-K's economy comes partly from its reasonable first cost. But, even more important savings come from the ease and speed with which it is installed. Labor costs of application are reduced sharply.

Extremely light and easy to handle, it adheres readily to wall surfaces and studing. It shows no tendency to sag and by staying snugly in place offers permanent protection.

Lo-K is perfectly safe to handle as it contains no ingredients that scratch or cause skin irritations.

It Will Fill Your Need

In the face of outstanding economy and efficient performance, Lo-K cotton insulation becomes the unmistakable choice for homes and apartments, office and industrial buildings, and commercial applications.

Lockport is establishing dealers in all the principal distributing centers. If your dealer doesn't happen to have Lo-K in stock, we invite your inquiry for prices and samples.

Mundet Cork Corporation

65 S. Eleventh St.

INSULATION DIVISION

Brooklyn 11, N. Y.

Manufacturers of Corkboard, Cork Pipe Covering, Compressed Machinery Isolation Cork, Natural Cork Isolation Mats, and all kinds and varieties of Cork Specialties.

Authorized contractors for high temperature insulation.

Mundet Branches

ALBANY, N. Y.	CHICAGO, ILL.	HOUSTON, TEXAS	PHILADELPHIA, PA.
ATLANTA, GA.	CINCINNATI, OHIO	KANSAS CITY, MO.	ST. LOUIS, MO.
BROOKLYN, N. Y.	DALLAS, TEXAS	LOS ANGELES, CALIF.	SAN FRANCISCO, CALIF.
BOSTON (NO. CAMBRIDGE), MASS.	DETROIT, MICH.	NEW ORLEANS, LA.	SYRACUSE, N. Y.

Mundet Distributors are Located in the Following Cities—Names and Addresses on Request

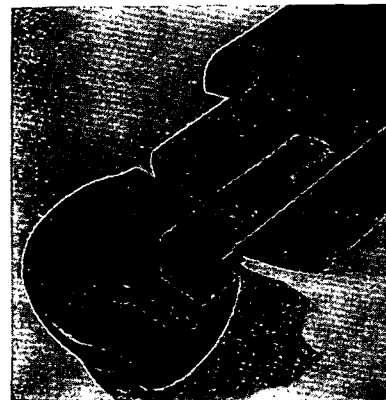
AMANA, IOWA	HARTFORD, CONN.	OKLAHOMA CITY, OKLA.	SEATTLE, WASH.
BALTIMORE, MD.	JOHNSON CITY, TENN.	PORTLAND, OREGON	TUCSON, ARIZ.
BUFFALO, N. Y.	MEMPHIS, TENN.	PROVIDENCE, R. I.	TULSA, OKLA.
CHARLOTTE, N. C.	MINNEAPOLIS, MINN.	RICHMOND, VA.	UTICA, N. Y.
CLEVELAND, OHIO	NASHVILLE, TENN.	ROCHESTER, N. Y.	YOUNGSTOWN, OHIO
DENVER, COLO.	NORFOLK, VA.	SALT LAKE CITY, UTAH	

Mundet "Jointite" Corkboard

—for all low temperature insulation and for acoustical correction. 100 per cent pure cork, fabricated in accordance with U. S. Government Master Specifications and unsurpassed in its field. Sold in standard 12 in. x 36 in. sheet. Standard thicknesses, 1/2 in., 1 in., 1 1/2 in., 2 in., 3 in., 4 in., 6 in.

Mundet "Jointite" Cork Pipe Covering

Shown below, with fitting cover. Protects all types of low temperature lines. Made in 3 thicknesses, with complete line of standard covers, suitable for pipes carrying sub-zero to 50 F temperature.

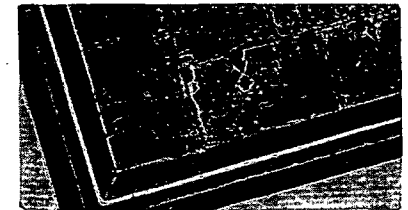


Section of Mundet Moulded Cork Pipe Covering, with fitting. The pipe covering is made in sections 36 in. long, to fit all sizes of pipes.

Mundet Cork Vibration Isolation

Machinery vibration encountered in heating and ventilating work is effectively controlled by the use of Mundet Natural Cork Isolation Mats. These consist of blocks of pure cork, held together within a rigid steel frame or bound with asphalt

paper applied with hot asphalt top and bottom. Mundet steel bound mats are usually used under exposed mounts; asphalt paper bound mats under concrete foundations of the envelope type. Mats are made to fit under any type of machine foundation. For loads exceeding 2000 lb per square foot, we manufacture Mundet Machinery Isolation Cork, which is a board form of compressed granulated cork, available in 3 densities. All types of isolation are furnished in 1 in., 1 1/2 in., 2 in., 3 in., 4 in., and 6 in. thicknesses, depending on class of service.



Above close-up of Mundet Natural Cork Isolation Mat shows how the blocks of cork are held together within a steel frame.

Engineering and Specification Service

Our engineering department is at the service of Architects and Engineers, to assist and advise in the preparation of specifications pertaining to cork. This service is also available without obligation to any one who has a low temperature insulation or a vibration isolation problem. Our complete catalogue will be sent on request. It is replete with information and data of value to every specification writer whose field touches our products.

Mundet Contract Service

Covers the complete installation of our products, in accordance with best established practice. Divided responsibility is avoided. Materials and workmanship are guaranteed.