B E H

one of the largest manufacturers of high and low temperature insulating materials . . .



BEH

products installed by competent independent contractors

A national network of Independent Certified Contractors represents Baldwin-Ehret-Hill throughout the United States. These contractors, selected for their broad experience, engineering know-how and financial stability, are fully qualified to install B-E-H insulation products on all types of piping and equipment. In addition, Baldwin-Ehret-Hill's own highly skilled engineers can provide technical guidance and assistance to both users and contractors.

For the name of the Independent Certified Contractor closest to your job site, contact anyone of the regional B-E-H sales offices shown to the right.

BEH **sales offices**

BALTIMORE 18, MARYLAND-21218
Suite 12, 108 West 39th Street, ROgers 4-1880

CHICAGO 22, ILLINOIS-60601
860 W. Evergreen Ave. Michigan 2-3835

CLEARWATER, FLORIDA-33515
Route 2, Box 319, 726-3825

DOVER, NEW JERSEY-07801
142 Clark Street, FO 6-7374

FARMINGTON, MICHIGAN-48024
28434 Farmington Road, GReenleaf 4-8826

GREENSBORO, NORTH CAROLINA-27407
3401 Rockingham Road, CYpress 9-6270

HILLSDALE, NEW JERSEY-07642
136 Hopkins Street, SW 7-1862

HOUSTON, TEXAS-77042
4101 San Jacinto, JAckson 2-2474

PITTSBURGH, PENNSYLVANIA-15234
813 Kewanna Avenue, EX 1-0316

RAYTOWN, MISSOURI-64138
8007 Hardy, FL 3-8977

TRENTON, NEW JERSEY-08602
500 Brownig Avenue, EX 6-4571

HEAT AND COLD INSULATIONS
BALDWIN-EHRET-HILL, INC.

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heat • cold

insulations

FOR SERVICE FROM SUB-ZERO UP TO 1900F

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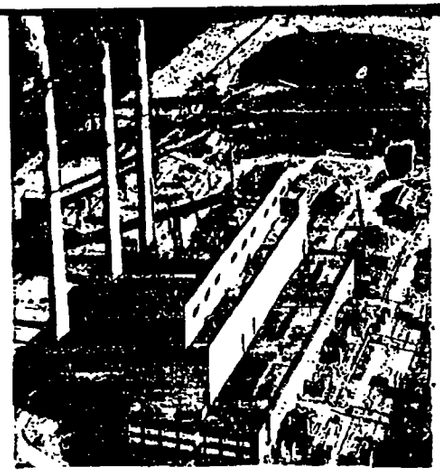
1960

PLAINTIFF'S EXHIBIT KN-408

BALDWIN-EHRET-HILL

HEAT and COLD INSULATIONS

FOR DEPENDABLE TEMPERATURE CONTROL



The new Thomas H. Allen Generating Station at Memphis, Tenn., one of the nation's largest municipal steam plants, is insulated with B-E-H Mono-Block and Super Powerhouse Cement.

BALDWIN-EHRET-HILL, INC.

353555

In August, 1959, two respected insulation manufacturers, Ehret Magnesia Manufacturing Company of Valley Forge, Pennsylvania and Baldwin-Hill Company of Trenton, New Jersey joined to form Baldwin-Ehret-Hill, Inc. This new corporation will continue to manufacture, distribute and expand the product lines of both parent companies.

Founded in 1897, Ehret Magnesia Manufacturing Company was one of the three initial manufacturers of 85% Magnesia insulation. Increasing demand for this "Thermalite" Magnesia led to the building of a completely new automated plant in 1951. With the introduction of Calcium Silicate insulation with a higher temperature limit, Ehret modified their plant in 1956 to produce this new material under the trade name "Thermasil." This operation was completed in 1959 so that the Valley Forge plant is now capable of producing either Calcium Silicate or 85% Magnesia, as needed. Highly automated, the plant permits close production control. The machine molded process assures exact finished size and surfaces that are smooth and free from dust.

The name Ehret has been synonymous with quality for sixty-two years. Distributed around the world, Ehret Thermalite and Thermasil insulations have been used in every type of industrial and commercial structure from the Brookhaven National Laboratory to the Empire State Building.

Baldwin-Hill Company, founded in 1935, to manufacture mineral wool, has grown rapidly and gained a fine reputation for its wide line of industrial insulations, building insulations and acoustical products. The company operated four plants located in Trenton, N. J., Huntington, Ind., Kalamazoo, Mich., and Temple, Texas. Baldwin-Hill helped develop the new spinning process for making mineral fibers, with increased fiber strength, lower density, cleaner wool and improved "K" factors. The Baldwin-Hill plants contain some of the most modern process equipment in the insulation industry.

Baldwin-Hill Company gained an enviable reputation for its Mono-Block Insulation, Super Powerhouse insulating-finishing cement and many other products.

The harmonious combination of these two complementary product lines offers the potential user of Baldwin-Ehret-Hill insulations the advantage of obtaining all of his insulation requirements from sub-zero up to 1900°F. from one manufacturing source.

The pooling of experienced personnel and research facilities in Baldwin-Ehret-Hill, Inc. assures the creation of a new leader in the insulation field. The emphasis on service to customers, that helped build both parent companies, will be of prime importance to the new corporation. We welcome your inquiries and will be happy to assist in solving your insulating problems small or large.

B E H

BALDWIN-EHRET-HILL, INC., TRENTON, N. J.

DATA SHEET

Product: Therma-K Block

Description: Semi-rigid block made of spun mineral wool with binder and used at temperatures up to 750°F when mechanically supported.

Note:--Under service conditions in excess of 450 F the binder nearest the hot side will carbonize to a depth dependent on actual temperature and time. However, the block will retain its insulating value and remain in place if mechanically supported.

Uses: For heated flat surfaces where maximum temperature does not exceed 750 F.

Features: Light weight - incombustible - easily cut and fitted - water resistant - non-corrosive.

Technical Data: Maximum temperature, when mechanically supported 750°F.

Size: Length 36"
Width 12", 24"
Thickness 1", 1-1/2", 2"

Density: Nominal, 10#/cu.ft.

Thermal Conductivity:

Mean Temp.	"K"
100 F	.24
200 F	.27
300 F	.34
400 F	.38

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Chemical Analysis (Typical)

SiO_2	43%
Al_2O_3	11%
CaO	32%
MgO	6%
FeO	2%

Specifications: Federal Specification - HH-I-564 - Form I or II - Type A and B
ASTM C 382 - 56T

Packaging: Corrugated boxes of 72 bd.ft. each.

Date: May 2, 1960

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note please refer to temperature selection chart at the beginning of each section

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SERVICE PLUS

Baldwin-Ehret-Hill has much more to offer you than a complete line of dependable insulations. By consulting us at the outset of any project we can save you time and money. Our services include complete job supervision and installation by approved insulation contractors—men skilled in the application of our wide product line, to insure full insulating value and long life. Contract application service is available coast to coast.

Standard inventories of B-E-H Insulations are maintained by distributors in principal cities. For consultation or recommendations, the B-E-H staff of experienced insulation engineers is available, without obligation.

Our sales department is at your service—we have teletype connections between all our plants and offices to assure that your inquiries and orders will receive prompt attention. You will find the address and telephone number of the office nearest to you on the back cover of this catalog.

Numerous publications to aid you in the designing, estimating and specifying of our products are available through our local representatives. Whatever your insulating problem, you'll find an economical and satisfactory answer in the full line of insulations manufactured by Baldwin-Ehret-Hill, Inc.

OTHER BALDWIN-EHRET-HILL PRODUCT LINES

Baldwin-Ehret-Hill also supplies complete lines of building insulations and acoustical products. For further information on building insulations consult the Baldwin-Ehret-Hill Building Insulation Catalog in Sweet's Architectural Catalog File or Sweet's Light Construction Catalog File.

For Baldwin-Ehret-Hill Acoustical Products refer to B-E-H Acoustical catalog in Sweet's Architectural Catalog File.