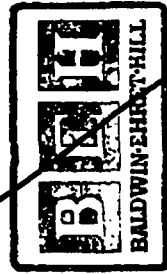


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481612

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manufacturers of a complete line of
HEAT AND COLD INSULATIONS

KEENE

BUILDING PRODUCTS CORPORATION

INDUSTRIAL INSULATION DIVISION

Keene Corporation is a multi-division manufacturer serving the building construction, industrial and filtration/pollution control markets.

The Industrial Insulation Division is an integral part of the Keene Building Products Group. And has manufactured molded insulation products since 1898. It manufactures and sells industrial insulation materials and products made of calcium silicate and mineral wool. Calcium silicate is sold in the form of block and pipe covering for applications up to 1200 degrees F. Mineral wool is sold in a variety of forms, for applications up to 1900 degrees F. The Division also purchases and, after applying facing materials, resells fiberglass insulation products for commercial applications up to 450 F.

products are available through ...

A national network of Keene Corp. contractors and distributors. These groups offer broad experience, engineering know-how and are fully qualified to install Keene insulation products on all types of piping and equipment. In addition, Keene Corporation's own highly skilled engineers can provide technical guidance and assistance for all insulation problems, large or small.

For the name of the contract branch closest to your job site, contact the Trenton office ... or see your local Yellow Pages Directory.

plants

Huntington, Indiana
Valley Forge, Pennsylvania
Kalamazoo, Michigan

Home Office: Princeton Service Center
U.S. Route #1, Princeton, N.J. 08540
(609) 452-8151

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INDUSTRIAL AND COMMERCIAL INSULATION

SECTION ONE

Calcium Silicate Insulations

Thermasil Block to 1200 F

Thermasil Pipe Insulation to 1200 F

Thermasil for Stainless Pipe to 1200 F

Mineral Wool Insulations

No. 100 and 101 Pipe Insulation to 1200 F

Metal Mesh Blankets to 1200 F

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Glass Insulations

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Mono-Kover 2500 Series (UL Rated)

Fibre Fiber to 450 F

Fibrelite to 450 F

Duct Liner

Other Products

Asphalt Outback

Bond-Tite

Fibre Kote

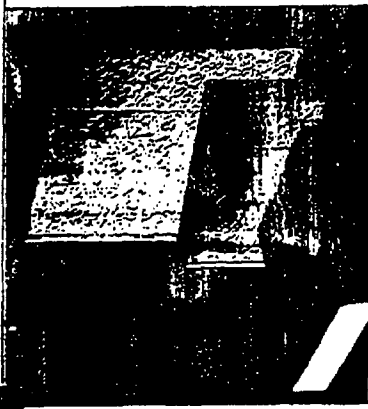
Loose and Granular Wool

MonoFlex 60 to 200F

Contains no Asbestos

481643

1 calcium silicate insulation/for service to 1200F THERMASIL BLOCK INSULATION



Thermasil block insulation is a molded, hydrous calcium silicate insulation—a blend of special inorganic ingredients reinforced with mineral fibers, especially formulated for use at temperatures up to 1200 F.

Thermasil is chemically converted under carefully controlled conditions into a strong, hard, light, chemically stable insulation material. Molded on modern equipment in a raw, process-controlled plant, the inside and outside surfaces of Thermasil are tough, smooth and dust-free. Provides excellent resistance to chloride attack of AUSTENITIC stainless steel (See page 5 for details).

Designed as an insulation and not as a structural material, Thermasil hardness is deliberately controlled within a range which provides a unique balance between strength and workability. This balance permits ease of shaping and fitting with knife or saw. Thermasil, because of its chemical stability, is not damaged by water and will retain its excellent thermal insulation properties upon drying.

physical properties

Density — 12.0 lb./cu. ft.
compressive strength — 100 lb./sq. in. @ 4% deformation
flexural strength — 75 lb./sq. in.
linear shrinkage after heating to 1200 F — 1.2% max.

thermal conductivity

Mean Temp F	100	300	600	700
K	.31	.41	.51	.61

specification compliance

Federal: MIL-15236, Type I
Military: MIL-22150, Classes 1 and 2
MIL-22151, Types 1A, 1B
U.S. Coast Guard: Instruction No. 164 0001/1910
ASTM: C 533-47

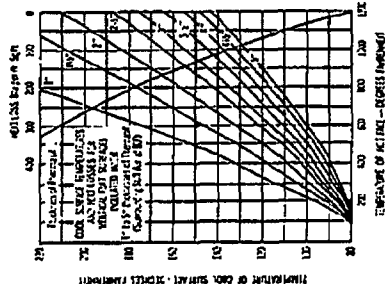
available sizes and thicknesses

Lengths — 10, 30 inches
Widths — 3, 6, 12 inches
Thicknesses — 1, 1½, 2, 2½, 3
Curved and bowed block are also available

recommended thickness

Temp. range F	Thickness (Nominal inches)
100-199	1½
200-299	2
300-399	2½
400-499	3
500-599	3½
600-699	4
700-799	4
800-899	4
900-999	4½
1000-1200	5

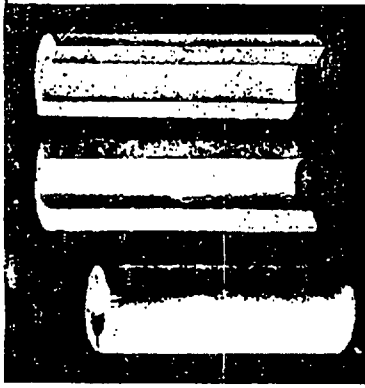
thickness vs hot face cold face temperatures



suggested application specifications

1. Insulating material
All listed surfaces shall be insulated with 1½" thick Thermasil calcium silicate block insulation, unless otherwise specified by Keene Building Products Corp.
2. Application
Cold face insulation shall be applied to the cold face of the blocks and secured to the hot face of the blocks by the use of the wedge to be installed. Bricks and concrete shall be protected with Super Insulative Cement. On cylinders and ducts up to 12" in diameter, the following bands 1½" wide on 12" block cannot be used to hold blocks in place.
3. Sealing
a. Block insulation shall be finished with Super Penetrating Cement applied over the cold face of the blocks.
b. Block insulation corners shall be finished with Super Penetrating Cement then waterproofed with Fiberglass.

KEENE CEILING AND INSULATION DIVISION
481644



THERMASIL pipe insulation is a molded, hydrous calcium silicate insulation—a blend of special inorganic ingredients reinforced with mineral fibers. THERMASIL is chemically converted under carefully controlled conditions to a strong, hard, light, chemically stable insulation material. Molded on modern equipment in a new process-controlled plant, the inside and outside surfaces of THERMASIL are tough, smooth and cut-free. Provides inhibition of chloride attack on AUSTENITIC stainless steel.

(See page 3 for details).

physical properties

Density—12.0 lb/cu. ft.
Flexural strength—75 lb/sq. in.
Linear shrinkage after heating @ 1200F—1.6% max.

thermal conductivity

Mean temp., F	100	300	500	700
K	.21	.21	.21	.21

specification compliance

Federal: MIL-STD-200 Type II
Military: MIL-STD-200
ASTM: C 633-47
U.S. Coast Guard: Incorruptible materials 164.009/160

available sizes and thicknesses

nominal thickness	single layer section	double layer section
1"	1/2" x 6" IPS	1/2" x 6" IPS
2"	1/2" x 12" IPS	1/2" x 12" IPS
3"	1/2" x 18" IPS	1/2" x 18" IPS
4"	1/2" x 24" IPS	1/2" x 24" IPS
5"	1/2" x 30" IPS	1/2" x 30" IPS

recommended thicknesses

pipe size (nominal)	100 to 150 lb	150 to 250 lb	250 to 350 lb	350 to 450 lb	450 to 550 lb	550 to 650 lb	650 to 750 lb	750 to 850 lb	850 to 950 lb	950 to 1050 lb	1050 to 1150 lb
1/2"	1	1	1	1	1	1	1	1	1	1	1
3/4"	1	1	1	1	1	1	1	1	1	1	1
1"	1	1	1	1	1	1	1	1	1	1	1
1 1/4"	1	1	1	1	1	1	1	1	1	1	1
1 1/2"	1	1	1	1	1	1	1	1	1	1	1
2"	1	1	1	1	1	1	1	1	1	1	1
2 1/2"	1	1	1	1	1	1	1	1	1	1	1
3"	1	1	1	1	1	1	1	1	1	1	1
3 1/2"	1	1	1	1	1	1	1	1	1	1	1
4"	1	1	1	1	1	1	1	1	1	1	1
4 1/2"	1	1	1	1	1	1	1	1	1	1	1
5"	1	1	1	1	1	1	1	1	1	1	1
5 1/2"	1	1	1	1	1	1	1	1	1	1	1
6"	1	1	1	1	1	1	1	1	1	1	1
6 1/2"	1	1	1	1	1	1	1	1	1	1	1
7"	1	1	1	1	1	1	1	1	1	1	1
7 1/2"	1	1	1	1	1	1	1	1	1	1	1
8"	1	1	1	1	1	1	1	1	1	1	1
8 1/2"	1	1	1	1	1	1	1	1	1	1	1
9"	1	1	1	1	1	1	1	1	1	1	1
9 1/2"	1	1	1	1	1	1	1	1	1	1	1
10"	1	1	1	1	1	1	1	1	1	1	1
10 1/2"	1	1	1	1	1	1	1	1	1	1	1
11"	1	1	1	1	1	1	1	1	1	1	1
11 1/2"	1	1	1	1	1	1	1	1	1	1	1
12"	1	1	1	1	1	1	1	1	1	1	1

suggested application specifications

1. Insulating material
All heavy pipes and tubing shall be insulated with—Block Thermal Calcium Silicate Insulation, as manufactured by Keene Building Products Corp., Portland, Oregon, Inc.
2. Application
On pipes up to 12 inch THERMASIL pipe insulation shall be secured with factory applied canvas jackets passed in place. When specified, bands shall be applied over the canvas. On larger pipes, and for the inner layer of double-layer coating, the insulation shall be wired in place on 8-inch centers. Flanges, etc., shall be insulated with Super Powerhouse Cement Compound with pre-fabricated forms. Flanged with Super Powerhouse Cement.
3. Finishing
a. Fine insulation shall be covered with canvas passed in place and painted with a red lead paint.
b. Fine insulation shall be covered with canvas passed in place and painted with a red lead paint.

Information shown on page 4 is repeated below for your convenience. See page 3 for similar information on THERMASIL Block Insulation.

Calcio-silicate Insulation is a molded, hydrous calcium silicate insulation—a blend of special inorganic ingredients reinforced with mineral fibers. THERMASIL is chemically converted under carefully controlled conditions to a strong, hard, light, chemically stable insulation material. Molded on modern equipment in a new process-controlled plant, the inside and outside surfaces of THERMASIL are tough, smooth and cut-free. Provides inhibition of chloride attack on AUSTENITIC stainless steel.

(See page 3 for details).

physical properties

Density—12.0 lb/cu. ft.
Flexural strength—75 lb/sq. in.
Linear shrinkage after heating @ 1200F—1.6% max.

thermal conductivity

Mean temp., F	100	300	500	700
K	.21	.21	.21	.21

specification compliance

Federal: MIL-STD-200 Type II
Military: MIL-STD-200
ASTM: C 633-47
U.S. Coast Guard: Incorruptible materials 164.009/160

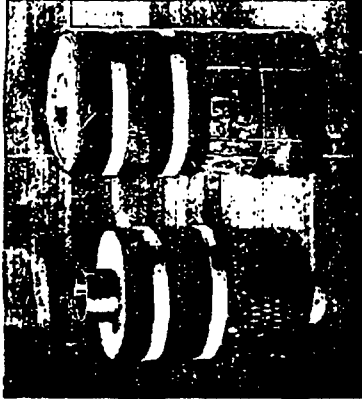
available sizes and thicknesses

nominal thickness	single layer section	double layer section
1"	1/2" x 6" IPS	1/2" x 6" IPS
2"	1/2" x 12" IPS	1/2" x 12" IPS
3"	1/2" x 18" IPS	1/2" x 18" IPS
4"	1/2" x 24" IPS	1/2" x 24" IPS
5"	1/2" x 30" IPS	1/2" x 30" IPS

recommended thicknesses

pipe size (nominal)	100 to 150 lb	150 to 250 lb	250 to 350 lb	350 to 450 lb	450 to 550 lb	550 to 650 lb	650 to 750 lb	750 to 850 lb	850 to 950 lb	950 to 1050 lb	1050 to 1150 lb
1/2"	1	1	1	1	1	1	1	1	1	1	1
3/4"	1	1	1	1	1	1	1	1	1	1	1
1"	1	1	1	1	1	1	1	1	1	1	1
1 1/4"	1	1	1	1	1	1	1	1	1	1	1
1 1/2"	1	1	1	1	1	1	1	1	1	1	1
2"	1	1	1	1	1	1	1	1	1	1	1
2 1/2"	1	1	1	1	1	1	1	1	1	1	1
3"	1	1	1	1	1	1	1	1	1	1	1
3 1/2"	1	1	1	1	1	1	1	1	1	1	1
4"	1	1	1	1	1	1	1	1	1	1	1
4 1/2"	1	1	1	1	1	1	1	1	1	1	1
5"	1	1	1	1	1	1	1	1	1	1	1
5 1/2"	1	1	1	1	1	1	1	1	1	1	1
6"	1	1	1	1	1	1	1	1	1	1	1
6 1/2"	1	1	1	1	1	1	1	1	1	1	1
7"	1	1	1	1	1	1	1	1	1	1	1
7 1/2"	1	1	1	1	1	1	1	1	1	1	1
8"	1	1	1	1	1	1	1	1	1	1	1
8 1/2"	1	1	1	1	1	1	1	1	1	1	1
9"	1	1	1	1	1	1	1	1	1	1	1
9 1/2"	1	1	1	1	1	1	1	1	1	1	1
10"	1	1	1	1	1	1	1	1	1	1	1
10 1/2"	1	1	1	1	1	1	1	1	1	1	1
11"	1	1	1	1	1	1	1	1	1	1	1
11 1/2"	1	1	1	1	1	1	1	1	1	1	1
12"	1	1	1	1	1	1	1	1	1	1	1

2 mineral wool insulations/for service to 1200F
NO. 100 AND 101 PIPE INSULATION



available sizes and thicknesses

for pipe sizes	No. 100	No. 101
4"-50"	inches	inches
length per section	24"	24"
thicknesses	1 1/2", 2, 2 1/2", 3, 4	1 1/2", 2, 2 1/2", 3, 4

recommended thicknesses

hot surface temp., deg. F	No. 100 and No. 101
100-200	1 1/2"
200-300	2
300-500	3
500 up	4

suggested application specifications

1 Insulating material
All heated pipes shall be insulated with No. 100 or No. 101 metal fabric-encased spun mineral fiber pipe insulation as manufactured by Keene Building Products Corp., Industrial Insulation Div.

2 Application
Metal fabric-encased pipe insulation shall be applied in a neat and uniform manner around pipes, with the mating ends of each piece brought flush together and secured as follows:

For No. 100, by lacing together the adjoining edges of the outer metal fabric with 16 gauge annealed iron wire.

Adjoining sections along a pipe shall be banded together firmly. Valves and elbows shall be covered with cut pieces of metal fabric insulation, with all edges laced together and finished with Super Powerhouse Cement.

For No. 101, by inserting the lead wire ends of the metal fabric under and around the flanges of the opposite end.

3 Finishing

INDOORS - Pipe insulation shall be covered with sheet metal jacket of aluminum, galvanized or stainless steel.

Where specified, No. 100 pipe insulation shall be covered with Super Powerhouse Cement uncured to a smooth finish. After drying, it shall be painted or covered with canvas as shown in pipe.

OUTDOORS - Pipe insulation shall be weatherproofed with aluminum, galvanized or stainless steel, or roofing felt jacket, banded or wired in place. Fittings shall be either jacketed with galvanized metal covers or weatherproofed with Firekote asphalt enamel.

physical properties
Density - 6.0 to 6.1 lb. cu. ft.

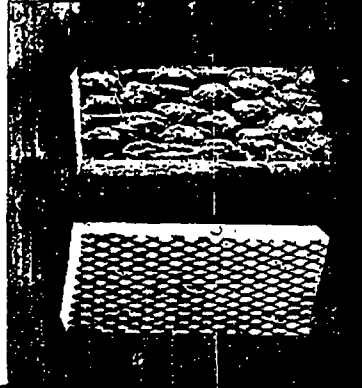
thermal conductivity

Mean temp. F	200	300	400	500	600
K	.31	.37	.43	.49	.55

specification compliance

Federal: MIL-552 Type II
MIL-554a Form D Type IV Class 15
ASTM: C592-66T, Class II

2 mineral wool insulations/for service to 1200F
METAL MESH BLANKET TYPE



features

- 1" wire mesh both sides.
- 1" wire mesh and Bucco Lath.
- 2-A 1" wire mesh and Bucco Lath.
- 2-B 1" wire mesh and 1/2" Bucco Lath.
- 2-C 1" wire mesh and 1/2" Bucco Lath.
- 2-D 1" wire mesh and 1/2" Bucco Lath.
- 2-E 1" wire mesh and 1/2" Bucco Lath.
- 2-F 1" wire mesh and 1/2" Bucco Lath.
- 2-G 1" wire mesh and 1/2" Bucco Lath.
- 2-H 1" wire mesh and 1/2" Bucco Lath.
- 2-I 1" wire mesh and 1/2" Bucco Lath.
- 2-J 1" wire mesh and 1/2" Bucco Lath.
- 2-K 1" wire mesh and 1/2" Bucco Lath.
- 2-L 1" wire mesh and 1/2" Bucco Lath.
- 2-M 1" wire mesh and 1/2" Bucco Lath.
- 2-N 1" wire mesh and 1/2" Bucco Lath.
- 2-O 1" wire mesh and 1/2" Bucco Lath.
- 2-P 1" wire mesh and 1/2" Bucco Lath.
- 2-Q 1" wire mesh and 1/2" Bucco Lath.
- 2-R 1" wire mesh and 1/2" Bucco Lath.
- 2-S 1" wire mesh and 1/2" Bucco Lath.
- 2-T 1" wire mesh and 1/2" Bucco Lath.
- 2-U 1" wire mesh and 1/2" Bucco Lath.
- 2-V 1" wire mesh and 1/2" Bucco Lath.
- 2-W 1" wire mesh and 1/2" Bucco Lath.
- 2-X 1" wire mesh and 1/2" Bucco Lath.
- 2-Y 1" wire mesh and 1/2" Bucco Lath.
- 2-Z 1" wire mesh and 1/2" Bucco Lath.

Other features available on request.

recommended thicknesses

hot surface temp., deg. F	thickness (inches)
100 to 200	1 1/2"
200 to 300	2
300 to 500	3
500 to 1000	4
1000 to 1200	5

suggested application specifications

1 Insulating material
All heated surfaces shall be insulated with 1" thick metal mesh-encased spun mineral fiber blanket as manufactured by Keene Building Products Corp., Industrial Insulation Div.

2 Application

For vessels and tanks over 36 inches diameter - Angles or clip angles shall be welded continuously around the vessel at intervals of 4 feet. 8 feet, depending on the height of the vessel. The mesh shall be welded to the vessel surface and the blanket applied over them. On large vessels operating at 600 F or higher, expansion joints shall be insulated to avoid gaps in the insulation.

The blanket shall be secured by 1/2" wire circumferential bands on 12" - 18" centers. The leading edges of the outer metal fabric shall be laced together with soft annealed iron wire.

For large flat surfaces - Blankets shall be laced over pipe, studs or beam wires attached to the surface; with lacing except turned firmly and laced together.

3 Finishing

INDOORS - A 1/2" to 1" thick thickness of Super Powerhouse Cement shall be applied and finished smoothly using a steel trowel. After drying, the surface may be painted or covered with canvas applied with lacing as applicable.

OUTDOOR use - Over a cement lath applied as for indoor use, 1 inch mesh woven wire netting shall be applied, followed by 1/2 inch thick Fibrolite asphaltic waterproofing.

available sizes and thicknesses

LENGTH - 48, 96 inches
WIDTH - 24 inches
THICKNESSES - 1 to 6 inches in 1/2 inch increments

thermal conductivity

Mean temp. F	100	200	300	400	500	600
K	.25	.37	.43	.49	.55	.61

specification compliance

Federal: MIL-552, Form C, Class II
MIL-554a Type I, Class A, B, C
Military: MIL-15425
ASTM: C592-66T Class II

2 mineral wool insulations/for service to 1900F
MONO-BLOCK MINERAL FIBER BLOCK

2 mineral wool insulations/for service to 1000F
THERMA-K MINERAL FIBER BLOCK

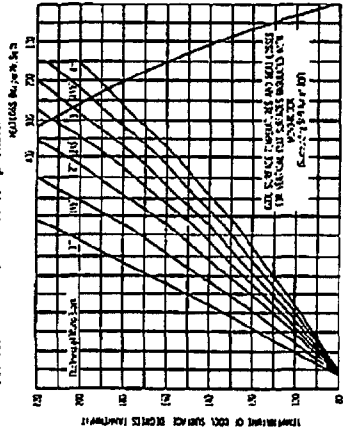
1626/K6



recommended thicknesses

Hot face temp. degrees F	Thickness inches	Hot face temp. degrees F	Thickness inches
1500	1 1/2	1500	1 1/2
1500	2	1500	2
1500	3	1500	3
1500	4	1500	4
1500	5	1500	5
1500	6	1500	6

thickness vs. hot-face cold-face chart.



sound absorption coefficients—

Frequency, Hz	125	250	500	1000	2000	4000	MFC
2 inches thick	.56	.53	.50	.50	.50	.50	.50
4 inches thick	.57	.53	.50	.50	.50	.50	.50
6 inches thick	.58	.55	.50	.50	.50	.50	.50

suggested application specifications

1 Insulating material
All heated surfaces shall be insulated with Mono-Block, a rigid mineral fiber block, in accordance with the following instructions:
2 Application

On flat surfaces, Mono-Block shall be applied over welded studs or pins on steel, concrete and brick in place with washers or clips. Joints and corners shall be pointed with Super Powderhouse Cement, before finishing. On curved surfaces, Mono-Block shall be held in place with 1/4 inch rods on centers up to 6 feet in diameter and 1/2 inch rods on larger diameters. Rods shall be spaced on 12 to 18 inch centers. Joints and corners shall be pointed with Super Powderhouse Cement, before finishing. On irregular surfaces, depressions shall be filled with a local coat of No. 1 Plus Insulating Cement, over which Mono-Block shall be applied.

3 Sealing
On large areas over 4 feet square, and on surfaces subject to vibration or movement from thermal expansion, when wire mesh shall be applied over Mono-Block insulation and fastened to pins or rods. Super Powderhouse Cement to inch thick shall then be applied, filling all cracks to form a tight surface and then smoothed with a steel trowel. For outside surfaces, when Super Powderhouse Cement has dried, woven wire mesh shall be stretched tightly over it, fastened securely, and 1/4 inch thick Portland cement-sand mortar shall be applied over all.

physical properties

Density—15 lb/cu. ft.
Compressive strength—10 lb/sq. in. @ 5% deformation.
Flexural strength—42 lb/sq. in.
Linear shrinkage after heating at 1900 F—less than 4%.

thermal conductivity

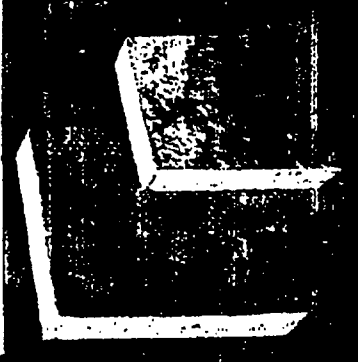
Mean temp. F	200	400	600	800	1000	1200
K	.26	.32	.37	.42	.47	.52

specification compliance

Federal Specification Form A Class 5:
MIL-SEA-1000, Type 1, Class 5, C. D.
Commercial Standard CS-17, Block Class A, C. D.
U. S. Coast Guard, Structural Insulation, 3-14-50/12/19
ASTM: C612-47, Class D.

available sizes and thicknesses

Length—12, 24, 36, 48 inches
Width—6, 12, 24 inches
Thickness—1 through 6 in 1/2 inch increments
Canted block also available



recommended thicknesses

100-300 F	1"
300-500 F	1 1/2"
500-600 F	2"
600-700 F	3"

suggested application specifications

1 Insulating material
Suggested Thermo-K surfaces shall be insulated with Thermo-K mineral fiber block as manufactured by Mono Building Products Corp., Industrial Division.

2 Application
On flat or irregular cylindrical surfaces, Thermo-K shall be applied over welded studs, pins or wires on suitable surfaces and secured with washers or clips. On rectangular ducts, Thermo-K blocks shall be held in place with insulating metal bands, except that on vertical and overhead horizontal surfaces 20 blocks or more wide, pins or wires shall be used to supplement the bands.

3 Finishing
When specified, aluminum sheets fastened with suitable mechanical fasteners shall be used to cover Thermo-K insulation. When a metal finish is specified, expanded metal mesh shall be fastened to the face of the Thermo-K, then a 1/4 inch thick coat of Super Powderhouse Cement applied.

physical properties

Density—8 lb/cu. ft.
Flexural strength—25 lb/sq. in.
Compressive strength—100 lb/sq. in. @ 10% deformation
Linear shrinkage after heating @ 1000 F—less than 4%

thermal conductivity

Mean temp. F	75	200	300	400	500
K	.35	.30	.24	.20	.18

specification compliance

Federal Specification Form A Class 3:
ASTM: C525-47, Class C

available sizes and thicknesses

Length—48 inches
Width—24 inches
Thickness—1" through 3" in 1/2" increments

48°C4D

KEENE CEILING and INSULATION DIVISION
481650

2 mineral wool Insulations/Insulating cements
/for service to 1200F
SUPER POWERHOUSE
NO. 1 PLUS

for service to 1800F



A high temperature-resistant mineral core cement with a hydraulic-setting binder. Mixed with water it can be troweled on any surface with little effort. Sets quickly to form a white, fused surface. After drying, may be painted without further treatment. Apply waterproofing directly for outdoor service.

Super Powerhouse Cement incorporates qualities of easy troweling. With application, one coat, quick hydraulic set with no drying shrinkage cracks. Excellent adhesive qualities.

Physical properties (after molding and drying)

Recommended water set - 6% at 150 lb. bag
Coverage, dry - 35 sq. ft. per 100 lb. at 1 inch thickness

Mean Temp. F	200	400	600
K	149	260	316

recommended thicknesses

For insulating irregular areas - same as adjacent insulation
For finishing - single coat 1/2 inch thick

specification compliance

Federal: SS-C-160 Type II Grade F

Military: MIL-C-2902A Type II; MIL-12724 Type 5B*

ASTM: C 493-64

*Reference on when these specifications compliance is required.

suggested application specifications

1 Insulating - (Finishing material)
a. Insulating - Finishing material shall be Super Powerhouse Cement applied in a single coat as indicated by Keene Building Products Corporation, Industrial Insulation Division.

2 Application
a. Surface finish - all building block, masonry, brick, etc., shall be finished with a 1/2 inch coat of Super Powerhouse Cement. The coat shall be finished to a smooth surface. The coat shall be finished to a smooth surface. The coat shall be finished to a smooth surface.

3 Finishing (if required)
a. No further finish to be applied.

b. Coats for pipe (Type I) - After drying, the cement shall be coated with 6 of 8 or extra cement and painted as specified.

c. Type I - After drying, the cement surface shall be painted as specified.

d. Quicker - Cement shall be covered with woven wire mesh securely fastened, and 1/2 inch of Fiberglas waterproofing.

e. Quicker - Cement shall be covered with woven wire mesh securely fastened, and 1/2 inch of Fiberglas waterproofing.

f. Quicker - Cement shall be covered with woven wire mesh securely fastened, and 1/2 inch of Fiberglas waterproofing.

g. Quicker - Cement shall be covered with woven wire mesh securely fastened, and 1/2 inch of Fiberglas waterproofing.

h. Quicker - Cement shall be covered with woven wire mesh securely fastened, and 1/2 inch of Fiberglas waterproofing.

i. Quicker - Cement shall be covered with woven wire mesh securely fastened, and 1/2 inch of Fiberglas waterproofing.

j. Quicker - Cement shall be covered with woven wire mesh securely fastened, and 1/2 inch of Fiberglas waterproofing.

k. Quicker - Cement shall be covered with woven wire mesh securely fastened, and 1/2 inch of Fiberglas waterproofing.

l. Quicker - Cement shall be covered with woven wire mesh securely fastened, and 1/2 inch of Fiberglas waterproofing.

m. Quicker - Cement shall be covered with woven wire mesh securely fastened, and 1/2 inch of Fiberglas waterproofing.

n. Quicker - Cement shall be covered with woven wire mesh securely fastened, and 1/2 inch of Fiberglas waterproofing.

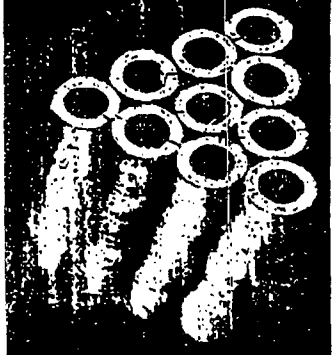
o. Quicker - Cement shall be covered with woven wire mesh securely fastened, and 1/2 inch of Fiberglas waterproofing.

p. Quicker - Cement shall be covered with woven wire mesh securely fastened, and 1/2 inch of Fiberglas waterproofing.

q. Quicker - Cement shall be covered with woven wire mesh securely fastened, and 1/2 inch of Fiberglas waterproofing.

r. Quicker - Cement shall be covered with woven wire mesh securely fastened, and 1/2 inch of Fiberglas waterproofing.

3 glass Insulations/for service to 370F*
MONO-KOVER ONE-PIECE PIPE INSULATION
STANDARD AND U/L RATED 2500 SERIES



STANDARD MONO-KOVER

Mono-Kover is a featherweight pipe insulation composed of incombustible, moisture-resistant glass fibers, bonded with plastic resin and formed into 3-ft. long, one piece sections.

Highly flexible and resistant, it is outstanding in its resistance to handling damage or breakage during application. It springs back to its original shape after sections are forced to apply on piping.

2500 SERIES MONO-KOVER

Mono-Kover 2500 Series Pipe Insulation is a non-toxic, fire spread, ice contributed and smoke developed, fire hazard ratings in composite form by the recommended standard test methods in this Fed. (UL 723, ASTM E84, and NFPA 165).

Performance characteristics of the composite insulation-adhesive-lining of Mono-Kover 2500 Series assure that the ratings do not exceed those recommended by experts in the field and required by local, state, and federal building code authorities; i.e.,

Flame Spread 25 or less
Smoke Developed 50 or less
Fuel Contribution 50 or less

Mono-Kover 2500 Series Pipe Insulation is available with Underwriters Laboratory Labels, which require, and other pipe with a choice of factory ratings as indicated below to suit each job requirement.

Labels:

Standard
Glass Cloth
Glass Cloth
Fiberglass

2500 Series
Glass Cloth
Glass Cloth
Fiberglass

2500 Series
Glass Cloth
Glass Cloth
Fiberglass

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recommended thicknesses

Pipe Surface Temp. F	150	200	250	300	350
Pipe Size (Nominal)	1/2	3/4	1	1 1/4	1 1/2
For standard piping	1/2	3/4	1	1 1/4	1 1/2
For special piping	1/2	3/4	1	1 1/4	1 1/2

For hot water and low pressure steam

For hot water and low pressure steam

For hot water and low pressure steam

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accessory materials OTHER PRODUCTS

Asphalt Cracked

A mixture of asphalt, asbestos fiber, mineral fillers and polyethylene added for plasticity coating of cracking asphalt and gravel surfaces. Available in a standard grade for surfaces which may reach 250 F and special grades for surfaces which may reach 400 and 700 F. Designed to prevent leaks, constant and leak-type flow.

Block-Tite

A highly adhesive material that can be easily bonded or applied to the surface of block insulation. Block-Tite is

Fluorite

Provides waterproof bonded surfaces and is made of an organic carbonate and long asbestos fibers. Applied by brush, trowel, or spray. Resists abrasion, provides

Levco and Granulated Slag

Spun material used in insulation consisting of long strand wool, available in both forms as it comes from the spinning machine or rolled into granules approximately 1/8 to 1/4 inch in diameter.

The spun wool form is used as a hand-packed 60 lb. bag for space or regular shapes, structures and con-

MONO-FILE

mono-file is a tough, flexible polymeric material constructed of carbon of various colored pigments. It is impervious to water vapor and will not lose its adhesive due to moisture absorption. It is so flexible that it can be bent, twisted and formed, yet no solvent will dissolve it.

lines and adjacent walls without loss of cohesion, and weather severely. Also resists chemicals and mechanical damage. Used for various tanks, without sagging or cracking due to high temperatures. Available in spray or brush grades.

particularly useful when temporarily securing block insulation prior to application of refractory wall.

water entry and is sufficiently stable to accommodate normal expansion and contraction without cracking. Flame resistant and self-extinguishing.

bank. Granulated slag may be poured or applied pneumatically using special tamping machines.

Suitable for heated surfaces up to 1200 F and with suitable vapor barriers for low temperatures down to -300 F or lower.

to original shape when put in place. Can be used on any surface operating between -50 and 250 F when flexibility, high tensile strength, vapor resistance and ease of application are important. It is available in regular and sheet form.

BLOCK BY BLOCK PROOF

THE BEST INSULATION
COSTS LESS TO INSTALL



MONO-BLOCK

2-38829

KEENE