

ADVANTAGES:

Easily Handled

Higher strength and body improves "handleability" ... fibers will not dislodge around edges.

Uniform Thickness

More uniform fiber orientation results in uniform thickness and eliminates thin spots.

Light Weight

.67 per sq ft per 1 inch thickness.

Square Edges

Makes possible firmer and square blanket edges, both as furnished and as cut on the job.

Factory Fabricated

Each blanket made to conform to rigid product specs.

BANROC BLANKETS Specification Data

COMPLIANCE WITH GOVERNMENT SPECS

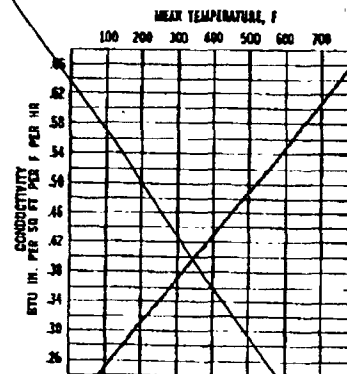
NH-1564, Form C, Class II
NH-1583, Amendment 1—Type I, Class A, B & C
MIL-1-7818 B
ASME-C472-807, Class II

STANDARD SIZES AND THICKNESSES

Blanket Size, inches	Thickness, inches
24 x 48	1" to 6" by 1/2" increments
24 x 96	

*The values given here are average typical values obtained in actual tests with accepted test methods and are subject to change. Check nearest J.M. district office for latest information.

THERMAL CONDUCTIVITY



Johns-Manville

22 East 30th Street - New York, N. Y. 10016

Sales Offices in Principal Cities

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INSULATION PRODUCT INFORMATION

type: Block
temp. limit: 1900F



J-M H. T. BANROC® block insulation

DESCRIPTION: H.T. Banroc block insulation is a structurally strong and thermally effective insulating material made from felted spun mineral wool fibers bonded with a clay binder.

AVAILABLE FORMS: Furnished in block form only in thicknesses from 1/2" to 4"; lengths up to 36"; widths to 24".

USES: For insulating furnaces, boilers, heated vessels and tanks.

ADVANTAGES

Easy Application

Mineral wool composition makes possible impaling of insulation directly on studs or clips.

Large Sheet Size

Large size sheets, 24" x 36", cut installation costs.

Fireproof

Made from mineral fibers which will not burn.

Low Conductivity

H.T. Banroc has a K factor of .625 at 500F.

PHYSICAL PROPERTIES*

Density (dry)	16 lbs per cu ft
Tensile Strength (measured at rupture)	48 psi
Linear Shrinkage (after heating at 1900F)	less than 4%

STANDARD SIZES AND THICKNESSES

Length, inches	Width, inches	Thickness, inches
18, 24, and 36	6, 12, 18, and 24	1/2 to 4 (1/2 inch increments)

COMPLIANCE WITH SPECIFICATIONS

Commercial Standards CS-117, Block, Classes A, B, C
U. S. Coast Guard, Structural Insulation, 2", 184.807/23/0
NH-1558a, Form A, Class 3
NH-1564, Form 1, Types A, B, C, D
ASME-C612-67, Class B

THERMAL CONDUCTIVITY*

MEAN TEMPERATURE, F	200	400	600	800	1000	1200
k.....	360	420	510	625	755	900

Conductivity: Btu in. per Sq. Ft. per F per Hr.

384799

*The values given here are average typical values obtained in accordance with accepted test methods and are subject to change. Check nearest J.M. district office for latest information.

PLAINTIFF'S
EXHIBIT
JM-2336



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Sales Offices in Principal Cities

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INSULATION

PRODUCT INFORMATION

type: Block
temp limit: 1000F



J-M BANROC® M BLOCK

mineral fiber insulation

DESCRIPTION: A block type insulation made from felted, high temperature resistant spun mineral fibers with binder added. Banroc M Block has a density of 8 lbs. per cubic foot which is carefully controlled during manufacture to assure full insulating effectiveness and superior handling characteristics.

AVAILABLE FORMS: Furnished in block form only in thicknesses from 1" to 3" (can be made up to 8" by applying additional layers); widths of 18" or 24"; length 48".

USES: For insulating furnaces, boilers, heated vessels and tanks.

Special Note: Banroc M Block can only be used when held in place with metal sheet, bar or mesh.

COMPLIANCE WITH GOVERNMENT SPECS

NA-155a, Form A, Class 3
ASTM C812-67, Classes A, J, and B

ADVANTAGES

Easy Application

Mineral wool composition makes possible impaling of insulation directly on studs or clips.

Large Sheet Size

Large size sheet—18" or 24" wide, 48" long—cut installation costs.

Fireproof

Made from mineral fibers which will not burn.

Low Conductivity

Banroc M Block has a K factor of .48 at 500F mean.

THERMAL CONDUCTIVITY

CONDUCTIVITY BTU IN. PER SQ. FT PER F PER HR

MEAN TEMPERATURE F

200	300	400	500	600	700
.30	.34	.40	.48	.56	.65

The values given herein are average typical values obtained in accordance with accepted test methods and are subject to change. Check nearest J-M office for latest information.

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381800