

Johns-Manville
FINISHED PRODUCT
SPECIFICATION

PRODUCT:
SUPEREX FURNACE BLOCKS (PLAIN)
SUPEREX FURNACE BLOCKS (SILICATED)

DIVISION	II
SPEC NO.	432-4
PAGE NO.	4.

V. QUALITY REQUIREMENTS:

Note: Values determined on Superex Furnace Block (Plain) except as noted.

A. Density (lbs/cu ft)

Desired Maximum	-	24#
Maximum	-	27#

B. Modulus of Rupture (psi)

Minimum	-	60
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C. Abrasion Loss (percent)

1. 10 min.	-	40 maximum
2. 20 min.	-	70 maximum

D. Hardness (m.m. by Plastometer) As Received
Plain Silicated

0.75 max. (avg. 5 samples)	0.4 max. (avg. 5 samples)
	0.5 max. (individual)

E. Change after Soaking Heat

1. Hardness 24 hrs. at 1900°F	- 0.9 m.m. maximum
2. Loss in Weight (24 hrs. at 1900°F)	10% maximum

F. Linear Shrinkage (percent) (Tested on Unsilicated Block)

1. After 24 hrs. at 1900°F	- 2.5% maximum
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G. Magnesia Content - 6% optimum

VI. PACKAGING:

Cases or cartons. Cases when sawdust is used.

Note: Trapezoidal Blocks for American Brake Shoe Co. (4" thick x 6" x 5-1/8") shall be packaged 12 pcs. per 11-5/8 x 12-1/2 x 36-1/4" carton.

For additional packaging information consult Packaging Specification Magnesia and Superex 432-5.

W. INS. DEPT.

MAY 12 1959

PLAINTIFF'S
EXHIBIT
K-1676

RECEIVED

DEFENDANT'S
EXHIBIT

01-248

RETURN TO
J-M RESEARCH
FILE ROOM

JCR
5-18-59

X- INDICATES —REASON: Reduction in shrinkage maximum from 3% to 2.5%
AUTHORITY E.C. Lindstrom on basis of Waukegan test results reported
FOR CHANGE in C.H. Jensen's letter of 3/6/59

SUPERSEDES: Page 4 same specification issued 9/15/58

DIR. Q.C.	MGR. Q.C.	SUPR. C.C.	PROD. SUPT.	PLNT. FN.	RES. LAB.	COM. MGR.	W.D. Gaches	R.C. Parlett	DATE ISSUED 5-11-59
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