

JOHNS-MANVILLE offers you a complete line of INSULATING FIREBRICK and REFRACTORY PRODUCTS for more economical control of heat through 3000F

JM-SL

TEMP. LIMIT	2300F
DENSITY (pcf)	45
STRENGTH (cold crushing, psi)	170
STRENGTH (transverse, psi)	120

2 NEW J-M INSULATING FIREBRICK!

The newest members of the J-M insulating firebrick family are JM-SL and JM-25. They are the products of the combined skills of Johns-Manville research, engineering and production skills, and offer builders and operators of furnaces and other high-temperature equipment an unusual type of insulating firebrick made by a process that is radically different from the conventional process.

JM-25

TEMP. LIMIT	2500F***
DENSITY (pcf)	41
STRENGTH (cold crushing, psi)	170
CONDUCTIVITY ^Δ	2.32
(Btu in per sq ft per F per hr at 1000F)	

INSULATING FIREBRICK

JM-3000

TEMP. LIMIT	3000F*
DENSITY (pcf)	65
STRENGTH (cold crushing, psi)	400
CONDUCTIVITY	3.30
(Btu in per sq ft per F per hr at 1000F)	

JM-28

TEMP. LIMIT	2800F*
DENSITY (pcf)	58
STRENGTH (cold crushing, psi)	300
CONDUCTIVITY	2.80
(Btu in per sq ft per F per hr at 1000F)	

JM-26

TEMP. LIMIT	2600F*
DENSITY (pcf)	51
STRENGTH (cold crushing, psi)	210
CONDUCTIVITY	2.44
(Btu in per sq ft per F per hr at 1000F)	

JM-23

TEMP. LIMIT	2300F*
DENSITY (pcf)	31
STRENGTH (cold crushing, psi)	210
CONDUCTIVITY	1.18
(Btu in per sq ft per F per hr at 1000F)	

JM-20

TEMP. LIMIT	2000F*
DENSITY (pcf)	29
STRENGTH (cold crushing, psi)	155
CONDUCTIVITY	1.11
(Btu in per sq ft per F per hr at 1000F)	

JM-1620

TEMP. LIMIT	2000F**1600F*
DENSITY (pcf)	27
STRENGTH (cold crushing, psi)	145
CONDUCTIVITY	1.05
(Btu in per sq ft per F per hr at 1000F)	

SIL-O-CEL INSULATING BRICK

UPER

TEMP. LIMIT	2500F**
DENSITY (pcf)	40
STRENGTH (cold crushing, psi)	300
CONDUCTIVITY	1.95
(Btu in per sq ft per F per hr at 1000F)	

G-22

TEMP. LIMIT	2000F**
DENSITY (pcf)	38
STRENGTH (cold crushing, psi)	270
CONDUCTIVITY	1.88
(Btu in per sq ft per F per hr at 1000F)	

16L

TEMP. LIMIT	1600F*
DENSITY (pcf)	34
STRENGTH (cold crushing, psi)	350
CONDUCTIVITY	1.07
(Btu in per sq ft per F per hr at 1000F)	

J-M History
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Other Johns-Manville Refractory and Insulating Refractory Products

TYPE OF PRODUCT	NAME OF PRODUCT	CHARACTER OR BASE	APPROXIMATE QUANTITIES REQUIRED FOR WASH-COATING 100 SQ. FT.	ESTIMATED LBS NEEDED/CU FT	ESTIMATED LBS TO SET 1000 BRICK	METHOD OF SHIPPING AND NET WEIGHTS
Hydraulic Setting Refractories	High Alumina Firecrete	High Alumina	2800	130	—	100-lb bags
	High Alumina Firecrete	High Alumina	2800	110	—	100-lb bags
	Al. Silicate Firecrete	Al. Silicate	2500	110	—	100, 50-lb bags
	Al. Silicate Firecrete	Al. Silicate	2400	75	—	100-lb bags
	CA Insulating Firecrete	Al. Silicate	2600	75	—	100-lb bags
	20-20 Firecrete	Al. Silicate	2000	58	—	80-lb bags
	2200 CA Insulating Firecrete	Al. Silicate	2200	57	—	80-lb bags
	Lo-O Firecrete	Al. Silicate	2500	44	—	50-lb bags
	Gunning (G) and Slap Troweling (ST)					
	EX Blazecrete	High Alumina	3000	140(G) 130(ST)	—	100-lb bags
Cements (Mortars) (Ready-mixed air-setting)	Std. Blakrete	Al. Silicate	2400	118(G) 110(ST)	—	100-lb bags
	W Blakrete	Al. Silicate	2000	73(G) 65(ST)	—	80-lb bags
Cements (Mortars) (Dry, air-setting)	C-2 Refractory Cement	Al. Silicate	2300	140(G) 120(ST)	—	100-lb bags
	Blakrete No. 20*	High Alumina Silica	3200 2700	—	200-400**	200, 100-lb drums; 50, 25-lb pails; and 15, 10, 5-lb cans
Cements (Mortars) (Dry, best-setting)	Super Blakrete	High Alumina Al. Silicate	3000 2000	—	—	200, 100-lb drums and 50-lb pails
	No. 25	Al. Silicate	2900	—	600	100-lb bags
Lightweight Aggregates	No. 31	Al. Silicate	3100	—	600†	100-lb bags
	No. 32*	Al. Silicate	3100	—	200-400**	100-lb bags
Fills	Lo-O-Cal L. W. Aggregate	Al. Silicate	2400	31	—	65-lb bags
	Lo-O-Cal C-3	Al. Silicate	2400	50	—	80-lb bags
	Lo-O-Cal C-3	Calcined, coarse-graded diatomaceous silica	2000	31	—	50-lb bags
Other J-M Products	Lo-O-Cal Insulating Powder	Finely ground diatomaceous silica	1600	17	—	50-lb bags
	Lo-O-Cal Coarse Grade	More coarsely ground than the powder	1600	22	—	50-lb bags
Other J-M Products	Asbestos Coating	Asphalt and asbestos	150	—	—	500, 300, 50, 25-lb containers
	Firebrick Furnace Cement	Silica	—	—	—	200, 100-lb drums; 50, 25-lb pails; and 15, 10, 5-lb cans

†The figure given is for a troweling joint, 1/8" to 1/4" thick. Without footnote sign the quantities are for brick-to-brick joints.

*Approximate quantities required for wash-coating 100 sq. ft.: 35 lb Blakrete with 7 lb water; 40 lb No. 20 with 7 lb water; 50 lb No. 32 with 30 lb water.

**Amount depends upon thickness of joint and porosity of the brick.

Johns-Manville

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Sales Offices in Principal Cities

