

# SUPER #3000® Mix 26 MORTAR

## Product Information Sheet

## Monolithic Refractory

SUPER #3000® is a premium quality, super duty mortar. Exceptional strength is achieved at low, intermediate, and high temperatures, used for all types of molten metal applications including steel, iron, aluminum and other non-ferrous metals.

**Service Temperature:** 3000 °F  
**Typical Water Required:** -  
**Material Required:** 155 lb/ft<sup>3</sup>  
**Maximum Grain Size:** 48 Mesh US Sieve

### Chemical Analysis

SiO <sub>2</sub>	TiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	CaO	MgO	Na <sub>2</sub> O + K <sub>2</sub> O
47.1	1.3	47.1	1.0	0.1	0.1	3.4

### Typical Physical Properties

Tested in accordance with International and ASTM Standards

Prefired to (°F)	Bulk Density (lb/ft <sup>3</sup> )	Cold Crushing Strength (psi)	Cold Modulus of Rupture (psi)	Permanent Linear Change (%)
230	-	-	1300	-
1000	-	-	1100	-
2000	-	-	1100	-

### Other Physical Properties

Tested in accordance with International and ASTM Standards

Prefired to (°F)	Apparent Porosity (%)	Thermal Conductivity (Btu.in/h.ft <sup>2</sup> .F)	Hot Modulus of Rupture (psi)	Permanent Volume Change (%)

**Formerly:** SUPER #3000®

Product Number: LEY10235 MX1N MOR Revision : F:00

Drying & Firing : N/A

Pumping : N/A

Shotcreting : N/A

MSDS Reference : [LEY10235](#)

Mixing / Installation : LEY.1101

Effective Date: 02/08/2010

The physical and/or chemical properties and specifications of the product set forth above represent typical average results obtained in accordance with generally accepted standard test methods conducted under controlled conditions, and are subject to normal manufacturing variations. Vesuvius reserves the right to modify the properties and specifications at any time without prior notice.



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