



SUPER #3000® MIX 22 MORTAR
TS LEY30369 MX3 MOR

**Monolithic
Refractory
Product
Information**

Revision: G.00

Date: 11 Sep 2012

SUPER #3000® MIX 22 is a premium quality super duty grade mortar which has become an industry standard. This mortar has exceptional strength at low, intermediate and high temperatures. It is available in a variety of consistencies to meet individual application requirements. Excellent for all types of molten metal applications including aluminum and iron. Excellent mortar for boiler applications.

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

Chemical Analysis

SiO₂	TiO₂	Al₂O₃	Fe₂O₃	CaO	MgO	Na₂O + K₂O
49.8	1.1	44.8	0.7	0.1	0.1	3.4

Typical Physical Properties

Tested in accordance with International and ASTM Standards

Prefired to (°F)	Bulk Density (lb/ft³)	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.ft².F)	Hot Modulus of Rupture (psi)	Permanent Volume Change (%)
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Formerly:

Drying & Firing:	N/A	Installation Method:	N/A	Mixing / Installation:	LEY.1101
Shotcreting:	N/A	Pumping:	N/A	MSDS Reference:	LEY30369

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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