



**SUPER #3000® DIPPING GRADE MIX 62 MORTAR**  
**TS LEY30322 MX3 MOR**

**Monolithic  
 Refractory  
 Product Information**

Revision: F.00

Date: 11 Sep 2012

SUPER #3000® DIPPING GRADE MIX 62 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:** -  
**Typical Water Required:** -      **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
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/ft <sup>3</sup> )	Cold Crushing Strength (psi)	Cold Modulus of Rupture (psi)	Permanent Linear Change (%)
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**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 (%)
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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: LEY30322

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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