



**MOLDIT® D GG GUN MIX**  
**TS LEL30426 MX3 GUN**

Monolithic Refractory  
 Product Information

Revision: F.00

Date: 17 Mar 2016

MOLDIT® D GG is a general purpose, super duty class, gunning material designed as an economical refractory for furnaces and flue system applications in incinerators, HPI heaters, combustion chambers, power plant ash hoppers, mineral processing, reheat furnaces and molten metal units.

<b>Service Temperature:</b>	2500 °F	<b>Material Required:</b>	130 lb/ft <sup>3</sup>
<b>Typical Water Required:</b>	N/A %	<b>Maximum Grain Size:</b>	4 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	Other
43.4	1.6	45.0	1.1	8.1	0.2	0.6

**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	137	6000	1400	-
1500	130	2900	500	-0.2
2500	125	3100	1200	+0.3

**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 (%)
230	16.0	-	-	-
1500	24.0	-	-	-
2500	26.0	-	-	-

**Formerly:**

Drying & Firing:	LEA.1801	Installation Method:	N/A	Mixing / Installation:	LEL.1301
Shotcreting:	N/A	Pumping:	N/A	MSDS Reference:	LEL30426

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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