

# MILBRO REFRACTORIES, INC.

## MILSHOT 30 LC- SPECIAL

MILSHOT 30 LC-SPECIAL is a 3000°F, high strength, low porosity, low cement shotcrete material. Product has outstanding strengths, and abrasion resistance. Product can be shotcreted or pumped into place. Product typically used in high wear, abrasion areas such as hoods, throat areas, duct work, and sidewalls in cement and lime applications. When shotcreted, a binding agent is added at nozzle. Product is excellent for maintenance patching.

<b>Service Temperature</b>	<b>3000°F</b>
<b>Material Required for Estimating</b>	<b>148 lbs./ft<sup>3</sup></b>
<b>Mixing Water Required</b>	<b>7.5-8.5% Refer to Mixing Instruction Page</b>

### TYPICAL CHEMICAL ANALYSIS

Al <sub>2</sub> O <sub>3</sub>	51.28
SiO <sub>2</sub>	43.98
Fe <sub>2</sub> O <sub>3</sub>	0.96
TiO <sub>2</sub>	1.64
CaO	1.96
MgO	0.09

Temperature °F	Modulus of Rupture, psi	Cold Crushing Strength, PSI	Linear change %
220°F	1800	10,500	0.1 S
1500°F	1950	11,300	0.1 S
2000°F	2500	13,000	0.2 S
2500°F	3400	14,500	0.4 E

All data shown is based on average results of standard ASTM procedures, unless otherwise indicated. Results are subject to reasonable deviation and should not be used for specification purposes.