

# MILBRO REFRACTORIES, INC.

## MILBRO INSULATING CEMENT

An insulating cement blended in dry form and packaged in 40 lb. bags. With water added, it forms a thick cement which is lightweight and exhibits excellent insulating properties. May be applied by hand or trowelled in place.

<b>Service Temperature</b>	<b>1600° F</b>
<b>Material Required for Estimating</b>	<b>40 lbs./ft<sup>3</sup></b>
<b>Mixing Water Required</b>	<b>20.0-25.0 qt./40lbs</b>

### TYPICAL CHEMICAL ANALYSIS

Al <sub>2</sub> O <sub>3</sub>	6.4
SiO <sub>2</sub>	42.8
Fe <sub>2</sub> O <sub>3</sub>	1.4
TiO <sub>2</sub>	0.3
MgO	3.5
CaO	34.2
Alkalies	0.7

### TYPICAL PHYSICAL PROPERTIES

Thermal Cond.  
BTU/sq.ft/hr/in./° F

500° F	0.8
1000° F	1.2
1500° F	1.7

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.