

# MILBRO REFRACTORIES, INC.

## MILBRO PASTE

A super duty fine grained paste. Air-setting, MILBRO PASTE is an excellent maintenance material used to prolong the overall life of refractory linings. Typical applications include furnace spouts, ladles, stopper rods and vacuum de-gassing snorkles. Also available in a finer grain, MILBRO PASTE F, and with the addition of graphite, MILBRO PASTE FG, for non-wetting properties.

**Service Temperature** **3000° F**  
**Material Required for Estimating** **Not Applicable**

### TYPICAL CHEMICAL ANALYSIS

Al <sub>2</sub> O <sub>3</sub>	44.1
SiO <sub>2</sub>	48.3
Fe <sub>2</sub> O <sub>3</sub>	1.8
TiO <sub>2</sub>	1.6
MgO	0.4
Alkalies	3.8

### TYPICAL PHYSICAL PROPERTIES

Temperature °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
220°F	1000-1500	3200-3800	0.5 S
2000°F	800-1100	2400-2750	0.3 S
2900°F	1100-1500	3300-3800	0.2 S

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.