

# MILBRO REFRACTORIES, INC.

## MILCROME 3200 WET

A high purity, chrome-alumina chemically bonded wet mortar. Excellent for use where high hot strengths and resistance to metal penetration is a factor. Excellent troweling characteristics.

|   |                                |
|---|--------------------------------|
| <b>Service Temperature</b>              | <b>3200° F</b>                 |
| <b>Material Required for Estimating</b> | <b>500 lbs./M 9 in. equiv.</b> |
| <b>Mixing Water Required</b>            | <b>Use as received</b>         |

### TYPICAL CHEMICAL ANALYSIS

|                                |      |
|--------------------------------|------|
| Al <sub>2</sub> O <sub>3</sub> | 74.8 |
| SiO <sub>2</sub>               | 14.4 |
| Fe <sub>2</sub> O <sub>3</sub> | 0.6  |
| TiO <sub>2</sub>               | 0.3  |
| MgO                            | 0.2  |
| CaO                            | 0.1  |
| Cr <sub>2</sub> O <sub>3</sub> | 9.6  |

### TYPICAL PHYSICAL PROPERTIES

| Temperature<br>°F | Modulus of<br>Rupture, psi | Cold Crushing<br>Strength, psi | Linear change<br>% |
|-------------------|----------------------------|--------------------------------|--------------------|
| 220°F             | 400-600                    | 2000-2500                      | 0.1 S              |
| 2500°F            | 2600-3300                  | 7100-7800                      | 0.1 S              |
| 3000°F            | 2400-2950                  | 6500-7100                      | 0.1 E              |

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