

**SPARCAST 25G**

**SPARCAST 25G** is a general purpose gunning castable formulated with a select calcined fireclay grain and a hydraulic setting binder.

**PHYSICAL PROPERTIES**

|                                |                      |
|--------------------------------|----------------------|
| Maximum Service Temperature    | 2500°F               |
| Bulk Density after 230°F       | 120 lbs./cu.ft       |
| Modulus of Rupture             |                      |
| After Drying at 230°F          | 600-900 lbs/sq.in.   |
| After Heating to 1500°F        | 300-450 lbs/sq.in    |
| After Heating to 2250°F        | 600-900 lbs/sq.in    |
| Cold Crushing Strength         |                      |
| After Drying at 230°F          | 3000-4500 lbs/sq.in. |
| After Heating to 1500°F        | 1600-2400 lbs/sq.in  |
| After Heating to 2250°F        | 1300-1900 lbs/sq.in  |
| Linear Change, %               |                      |
| After Drying at 230°F          | 0.0 to -0.1          |
| After Heating to 1500°F        | 0.0 to -0.2          |
| After Heating to 2250°F        | 0.2 to -0.3          |
| Typical Chemical Analysis, %   |                      |
| Al <sub>2</sub> O <sub>3</sub> | 46.2                 |
| SiO <sub>2</sub>               | 43.5                 |
| CaO                            | 7.2                  |
| Fe <sub>2</sub> O <sub>3</sub> | 1.7                  |
| TiO <sub>2</sub>               | 1.3                  |
| Alkalies                       | 0.1                  |

**SPARCAST 25 G** is available in 50# bags, 100# bags or 1000#, 2000#, and 3000# mini-bulk bags, palletized and shrink-wrapped.

**NOTE: CASTABLE MUST BE STORED IN DRY PLACE**

Data shown are average results of standard ASTM tests unless otherwise noted. Results may vary subject to variations in manufacturing, testing, and installation procedures in the field.