



## **XERFLOW 2700-AL**

### **PRODUCT DATA SHEET**

**XERFLOW 2700-AL** is a regular cement castable for service temperatures up to 2700°F, and up to 2200°F in non-wetting applications.

|   |  |
|---|--|
| <b>Recommended Service Temperature</b>              | <b>2700°F (non-wetting 2200°F)</b>                     |
| <b>Water Required for Mixing (as a % of weight)</b> | <b>7.5 – 8.5 %</b>                                     |
| <b>Material Required Per Cubic Foot</b>             | <b>134 - 140 lbs.</b>                                  |
| <b>Packaging</b>                                    | <b>64 - 55lb bags /pallet<br/>1,000+lb Super Sacks</b> |

#### **TYPICAL CHEMICAL ANALYSIS**

| <b>Al<sub>2</sub>O<sub>3</sub></b> | <b>SiO<sub>2</sub></b> | <b>CaO</b> | <b>TiO<sub>2</sub></b> | <b>Fe<sub>2</sub>O<sub>3</sub></b> |
|------------------------------------|------------------------|------------|------------------------|------------------------------------|
| 35 - 40                            | 48 - 53                | 4.4 - 4.9  | 1.5 - 1.9              | 0.9 - 1.2                          |

#### **TYPICAL PHYSICAL PROPERTIES**

| <b>Test Temperature (°F)</b> | <b>Bulk Density (pcf)</b> | <b>C.C.S. (psi)</b> | <b>CMOR (psi)</b> | <b>Apparent Porosity (%)</b> | <b>Permanent Linear Change (%)</b> |
|------------------------------|---------------------------|---------------------|-------------------|------------------------------|------------------------------------|
| 220                          | 133 - 137                 | 8000                | 1400              | 13 - 17                      | Nil                                |
| 1500                         | 133 - 137                 | 8000                | 1700              | 16 - 20                      | -0.3 to 0.0                        |
| 2550                         | 132 - 136                 | 8000                | 1800              | 10 - 14                      | +0.5 to +1.1                       |

**Xertech Specialties**  
1422 Hoelzer Ct.  
Dailey Industrial Park  
Pacific, MO 63069  
Ph: (636)271-0586; Fax: (636)271-0587

**[www.xertechllc.com](http://www.xertechllc.com)**  
**[mail@xertechllc.com](mailto:mail@xertechllc.com)**

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