



## **XERFLOW 80-AL**

### **PRODUCT DATA SHEET**

**XERFLOW 80-AL** is a high alumina, low cement, and self-leveling castable. Designed to be used in a wide variety of applications, due to its minimum porosity and linear change with maximum density. This material can be used in applications which require high temperature resistance and is applicable for service in non-wetting metal contact applications up to 2200°F.

<b>Maximum Service Temperature</b>	<b>3200°F+ (non-wetting 2200°F)</b>
<b>Water Required for Mixing (as a % of weight)</b>	<b>6.2 – 7.2 %</b>
<b>Material Required Per Cubic Foot</b>	<b>168 - 175 lbs.</b>
<b>Packaging</b>	<b>64 - 55lb bags / pallet 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>	<b>Other</b>
80.7	11.1	1.8	2.9	1.2	2.3

#### **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	167 - 174	5000	1000	10 - 14	Nil
1500	166 - 173	7000	1000	12 - 16	-0.3 to 0.0
2732	163 - 170	9000	1800	15 - 19	+0.5 to +1.0

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