



XERFLOW 3000-AL PRODUCT DATA SHEET

XERFLOW 3000-AL is a low-cement castable for service temperatures up to 3000°F, and up to 2200°F in non-wetting applications.

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|---|--|
| Recommended Service Temperature | 3000°F (non-wetting 2200°F) |
| Water Required for Mixing (as a % of weight) | 7.5 – 8.5 % |
| Material Required Per Cubic Foot | 140 - 148 lbs. |
| Packaging | 64 - 55lb bags /pallet 1,000+lb Super Sacks |

TYPICAL CHEMICAL ANALYSIS

| Al₂O₃ | SiO₂ | CaO | TiO₂ | Fe₂O₃ |
|------------------------------------|------------------------|------------|------------------------|------------------------------------|
| 50 - 54 | 37 - 41 | 3.0 - 3.4 | 1.7 - 2.1 | 0.7 - 1.0 |

TYPICAL PHYSICAL PROPERTIES

| Test Temperature (°F) | Bulk Density (pcf) | C.C.S. (psi) | CMOR (psi) | Apparent Porosity (%) | Permanent Linear Change (%) |
|------------------------------|---------------------------|---------------------|-------------------|------------------------------|------------------------------------|
| 220 | 144 - 150 | 7000 | 1600 | 12 - 16 | Nil |
| 1500 | 143 - 149 | 7000 | 1600 | 14 - 17 | -0.2 to 0.0 |
| 2000 | 141 - 147 | 7000 | 1600 | 17 - 20 | -0.3 to 0.0 |
| 2732 | 135 - 142 | 9000 | 1800 | 15 - 18 | +1.0 to +2.0 |

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