

XERSHOT 3200 AL PRODUCT DATA SHEET

XERSHOT 3200 AL is a low-cement, shotcreting castable for service temperatures up to 3200°F. This material has service temperature limit of 2200°F for aluminum contact applications.

| Recommended Service Temperature – Non-Wetting | 2200°F |
|---|--|
| Recommended Service Temperature | 3200°F |
| Water Required for Mixing (as a % of weight) | 5.5 – 7.5 % |
| Material Required Per Cubic Foot | 160 - 168 lbs. |
| Packaging | 64 - 55lb bags /pallet 1,000+lb Super Sacks |

TYPICAL CHEMICAL ANALYSIS

| Al ₂ O ₃ | SiO ₂ | CaO | TiO ₂ | Fe ₂ O ₃ |
|--------------------------------|------------------|-----------|------------------|--------------------------------|
| 74 - 78 | 14 - 18 | 3.0 - 3.4 | 1.5 - 1.8 | 0.9 - 1.2 |

TYPICAL PHYSICAL PROPERTIES

| Test Temperature (°F) | Bulk Density (pcf) | C.C.S. (psi) | CMOR (psi) | Apparent Porosity (%) | Permanent Linear Change (%) |
|-----------------------------|--------------------------|-----------------|---------------|-----------------------------|--------------------------------|
| 220 | 162 - 167 | 6000 | 1400 | 11 - 14 | Nil |
| 1500 | 160 - 165 | 6000 | 1400 | 15 - 18 | -0.3 to 0.0 |
| 2732 | 160 - 165 | 8000 | 1600 | 18 - 21 | +0.1 to +0.5 |

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