

SPARCON 28LD

SPARCON 28LD is a high strength, low-cement bonded refractory designed for installation by vibration casting. **SPARCON 28LD** is designed for use in precast applications where superior surface finish, high strength and intermediate density are required.

PHYSICAL PROPERTIES

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|---|---|
| Maximum Service Temperature | 2800°F |
| Dry Castable Requirement | 129 - 132 lbs./cu.ft. |
| Typical water requirement: | <u>vibratable consistency</u> 6.75% |
| Erosion Resistance (ASTM C704) | Less than 14 cc loss. (Typical: 10 – 12 cc loss) |
| Modulus of Rupture After Heating to 1500°F | 1600-2300 lbs/sq.in. |
| Cold Crushing Strength After Heating to 1500°F | 9000-13000 lbs/sq.in. |
| Linear Change, % After Heating to 1500°F | 0.0 to -0.4 |
| Typical Chemical Analysis, % | |
| Al ₂ O ₃ | 45.0 |
| SiO ₂ | 49.5 |
| CaO | 2.5 |
| TiO ₂ | 1.4 |
| Fe ₂ O ₃ | 1.3 |
| MgO | 0.1 |
| Alkalies | 0.2 |

SPARCON 28LD is available in 55[#] bags and bulk bags, palletized and shrink-wrapped.

NOTE: CASTABLES MUST BE STORED IN A 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.