

SPARFIRE 65 HP

SPARFIRE 65 HP is a high strength, very low-cement bonded refractory designed for installation by the handpack method only. This product virtually eliminates the need for long (24 hour) curing time in the unit. Additionally, this product was designed for an accelerated dryout schedule.

PHYSICAL PROPERTIES

(properties obtained on samples demolded after 4 hours and fired to 1500F @ 170F/hour with 5 hour soak)

Maximum Service Temperature	3000°F
Mix Water Required (% by weight)	5.75 to 6.25%
Bulk Density(lbs/cu ft) After Heating to 1500°F	153
Erosion Resistance (ASTM C704)	13 cc Max
Modulus of Rupture (lbs/sq.in.) After Heating to 1500°F	1200 - 1600
Cold Crushing Strength (lbs/sq.in.) After Heating to 1500°F	9000 - 14000
Linear Change, % After Heating to 1500°F	0.0 to -0.4
Typical Chemical Analysis, %	
Al ₂ O ₃	62.9
SiO ₂	32.9
CaO	1.0
TiO ₂	1.7
Fe ₂ O ₃	1.0
MgO	0.1
Alkalies	0.3

SPARFIRE 65 HP is available in 50# bags, 100# bags, 1500#, 2000#, and 3000# 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