

SPARCON 5-15 AL

SPARCON 5-15 AL is a mullite based, low cement, castable that designed to be installed by vibration casting. It is designed to be used in aluminum contact applications and offers excellent resistance to erosion, chemical attack and mechanical abuse.

PHYSICAL PROPERTIES

Maximum Service Temperature	3000°F
Dry Castable Requirement	162 -168 lbs./cu.ft.
Modulus of Rupture	
After Heating to 1500°F	1100-1700 lbs/sq.in
Cold Crushing Strength	
After Heating to 1500°F	9500-14000 lbs/sq.in
Linear Change, %	
After Heating to 1500°F	0.0 to -0.3
Erosion Resistance (ASTM C704)	
After Heating to 1500°F	Less than 10 cc loss (Typical: 5 – 8 cc loss)
Typical Chemical Analysis, %	
Al ₂ O ₃	52.3
SiO ₂	29.3
Fe ₂ O ₃	0.8
ZrO ₂	10.3
Alkalies	0.2

The above are average results and do not constitute a specification.

SPARCON 5-15 AL is available in 50# bags and various sized bulk bags, palletized and shrink-wrapped.

NOTE: CASTABLE MUST BE STORED IN DRY PLACE

Data shown are average results of standard ASTM testing unless otherwise noted. Results may vary subject to normal variations in manufacturing, testing, and installation procedures in the field.