

## SPARPLAS 50AS

**SPARPLAS 50 AS** is a super duty air set plastic refractory. It exhibits superior resistance to spalling with extra load bearing strength throughout its temperature range. .

### PHYSICAL PROPERTIES

Maximum Service Temperature	3000°F
Bulk Density: (Rammed)	140 -150 lbs./cu.ft.
Modulus of Rupture	
After Heating to 230°F	120-140 lbs/sq.in.
After Heating to 1500°F	150-200 lbs/sq.in.
Cold Crushing Strength	
After Heating to 230°F	500-700 lbs/sq.in.
After Heating to 1500°F	1200-1500 lbs/sq.in.
Drying Shrinkage (Green-230°F)	1.3-1.5%
Linear Change, %	
After Heating to 1500°F	0.0 to -0.2%

### TYPICAL CHEMICAL ANALYSIS, %

Al <sub>2</sub> O <sub>3</sub>	49.9
SiO <sub>2</sub>	47.1
TiO <sub>2</sub>	1.5
Fe <sub>2</sub> O <sub>3</sub>	1.2
CaO	0.1
MgO	0.1
Alkalies	0.1

**SPARPLAS 50 AS** is available in 3" slices, packaged in 75# polylined corrugated boxes, 3600# per pallet.

NOTE: PLASTICS MUST BE STORED IN COOL 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.