



# PRODUCT DATA

## ALSEY 3000 SUPER DUTY MORTAR

### ALSEY 3000 Air-Set Refractory Mortar—Super Duty

**Description:**

Wet, air-setting, super duty 3000°F refractory mortar formulated to be used with our JET D.P. high duty firebrick.

**Sizes:**

55lb plastic pail (2A2050}

### TYPICAL TEST DATA -- PHYSICAL PROPERTIES

ASTM C-24  
 P.C.E. .... 34  
 Temperature Equivalent (melting), °F..... 3205  
 Service Temperature (max. recommended), °F..... 3000

ASTM C-198  
 Bonding Strength, psi  
 after 230°F..... 653  
 after 2910°F..... 1265

ASTM C-199—Super Duty  
 Pier Test at 2910°F  
 No flow from joints. No cracks or shrinkage.

### TYPICAL CHEMICAL ANALYSIS, Wt. % (calcined basis)

Silica (SiO<sub>2</sub>)..... 48.39  
 Aluminum Oxide (Al<sub>2</sub>O<sub>3</sub>) ..... 47.21  
 Sodium Oxide (Na<sub>2</sub>O) ..... 2.20  
 Titanium Dioxide (TiO<sub>2</sub>) ..... 1.28  
 Iron Oxide (Fe<sub>2</sub>O<sub>3</sub>) ..... 0.55  
 Magnesium Oxide (MgO) ..... 0.12  
 Phosphorous Oxide (P<sub>2</sub>O<sub>5</sub>)..... 0.10  
 Potassium Oxide (K<sub>2</sub>O) ..... 0.08

Total ..... 99.93

Loss on Ignition..... 3.03  
 (As received basis; not included in calcined total.)

An MSDS is available upon request

**Contact:**

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