

PRODUCT DATA

ALSEY EXETER 70 WAS MORTAR

ALSEY Exeter 70 WAS Air-Set Refractory Mortar

Description:

Wet Alumina Sulfate Bonded, 70% Alumina refractory mortar formulated to be used with High Alumina firebrick.

Sizes:

- 55lb plastic pail
- {2A2100 = dipping}
- {2A2150 = troweling}

TYPICAL TEST DATA -- PHYSICAL PROPERTIES

ASTM C-24
 P.C.E. 37
 Temperature Equivalent (melting), °F 3308
 Service Temperature (max. recommended), °F..... 3100

ASTM C-20 after 2350°F
 Apparent Porosity, % 36.9
 Apparent Specific Gravity, g/cc 3.14
 Bulk Density, lb/ft³ 123.7

ASTM C-198
 Bonding Strength, psi
 after 230°F 226
 after 2910°F 2019

ASTM C-199—High Alumina
 Pier Test at 3100°F
 No flow from joints. No cracks or shrinkage.

TYPICAL CHEMICAL ANALYSIS, Wt. % (calcined basis)

Silica (SiO₂) 30.68
 Aluminum Oxide (Al₂O₃) 65.54
 Titanium Dioxide (TiO₂)..... 2.22
 Iron Oxide (Fe₂O₃) 1.02
 Magnesium Oxide (MgO)..... 0.12
 Calcium Oxide (CaO) 0.10
 Other Oxides 0.31

Total..... 99.99

Loss on Ignition 9.2
 (As received basis; not included in calcined total.)

An MSDS is available upon request

Contact:

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