



ALSEY
refractories co.

PRODUCT DATA

PILOT 3000 HEAT-SET DRY

Dry, heat-setting, super duty 3000°F refractory mortar.

TYPICAL TEST DATA

CHEMICAL ANALYSIS [Wt. % Calcined Basis]

Silica [SiO ₂].	48.39
Aluminum Oxide [Al ₂ O ₃].	47.21
Titanium Dioxide [TiO ₂].	1.28
Iron Oxide [Fe ₂ O ₃].	0.55
Magnesium Oxide [MgO].	0.12
Calcium Oxide [CaO].	0.02
Other Oxides	2.43
Total	100.00

Size(s): 55lb bag [2A3100]

Water Content: ~20-25%*

* Use lower limits of water when using immediately. Use upper limits of water when mixing for future use. Some re-tempering may be required.

PHYSICAL PROPERTIES

ASTM C-24

P.C.E.	33
Service Temperature [max. recommended], °F	2910

ASTM C-199 - Medium Duty, Pier Test at 2910°F

No flow from joints. No cracks or shrinkage.
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Coverage

Troweled Joint: 300-400 lbs. per 1000 EQ
Dipped Joint: 250-300 lbs. per 1000 EQ

SDS AVAILABLE UPON REQUEST

The above properties represent average results of typical data produced from standard ASTM test methods on a 9" straight. Specifications should not be considered guaranteed. Alsey Refractories Company makes every effort to ensure consistency in our products; however, properties may vary due to standard statistical manufacturing deviations. Alsey Refractories Company reserves the right to modify this data at any time without prior notice.

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Alsey Refractories Company
266 State Route 106 South P O BOX 80
Alsey IL 62610
314.963.7900 | info@alsey.com

Manufacturer of Quality Refractories Since 1906