



## Epic® 50

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**DESCRIPTION:** High alumina brick made from high-quality flint clay and plastic clays.

**USES INCLUDE:** Furnace linings.  
Boilers.  
Incinerators.  
Safety Linings.

### CHEMICAL ANALYSIS: (TYPICAL CHEMICAL ANALYSIS)

(Approximate %)

Al <sub>2</sub> O <sub>3</sub>	≥ 50.0%
SiO <sub>2</sub>	41.5%
Fe <sub>2</sub> O <sub>3</sub>	≤ 2.5%

### TYPICAL AS RECEIVED PROPERTIES:

Apparent Porosity (%):	≤ 24.0
Bulk Density (g/cm <sup>3</sup> ):	≥ 2.32
Cold Crush Strength (MPa):	≥ 40
PCE Value:	33 - 34
Refractoriness °C (°F):	1750 (3182)

The values reported above are average values derived from production data encompassing many different sizes and shapes. Actual data will vary to a small degree naturally and as a function of size and shape. This form is not intended to be used for purposes of specification; it is informational only.

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