



## Epic® 50

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

**USES INCLUDE:** Furnace linings, safety linings, incinerators, boilers

### CHEMICAL ANALYSIS: (TYPICAL CHEMICAL ANALYSIS)

(Approximate %)

Al <sub>2</sub> O <sub>3</sub>	42.0 %
SiO <sub>2</sub>	50.0 %
Fe <sub>2</sub> O <sub>3</sub>	≤ 2.0 %

### TYPICAL AS RECEIVED PROPERTIES:

Apparent Porosity %	20
Bulk Density, gm/cm <sup>3</sup> (pcf)	2.20 gm/cm <sup>3</sup> (137)
Cold Crushing Strength, MPa (psi)	30 (4350)
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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