



INFORMATION BULLETIN

Epic® 40

DESCRIPTION: High-duty fireclay brick made from high-quality clays. Made only from 88% minimum purity Bauxite.

USES INCLUDE: Boiler tile.

CHEMICAL ANALYSIS: (TYPICAL CHEMICAL ANALYSIS)

(Approximate %)

Al ₂ O ₃	≥ 40.0%
TiO ₂	≤ 2.8%
Fe ₂ O ₃	≤ 2.0%

TYPICAL AS RECEIVED PROPERTIES:

Bulk Density (g/cm ³):	> 2.15
Cold Crushing Strength (MPa):	> 25.4
Apparent Porosity (%):	≤ 24
Reheat Change (%): @ 1300/2 hr	+0.1, -0.4

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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