



*“Quality Brick products since 1878”*

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## MATERIAL DATA SHEET

Product: Firebrick

Sizes: 4-1/2” x 2-1/2” x 9”

Colors/Clay Mix: Gold-4479, Tan-2878, Red-4134, Black-4358

Meets or exceeds requirements set forth by:

ASTM C-1261 Fire Box Brick for Residential Fireplaces.

Modulus of Rupture: minimum 500 psi.

Pyrometric Cone Equivalent (PCE): minimum of 13.

Residential Firebrick - Recommended Usage

Low duty extruded firebrick – Fireplaces, wood burning stoves,  
 Fire pits & barbeques.

Moderate temperature use            982 C (1800 F)

Chemical Analysis	
LOI	0.08
Al <sub>2</sub> O <sub>3</sub>	20.55
SiO <sub>2</sub>	70.60
CaO	0.41
MgO	0.47
K <sub>2</sub> O	2.28
Na <sub>2</sub> O	0.71
Fe <sub>2</sub> O <sub>3</sub>	3.77
TiO <sub>2</sub>	0.96
P <sub>2</sub> O <sub>5</sub>	0.081
Cr <sub>2</sub> O <sub>3</sub>	0.014
MnO	0.077
NiO	<0.001
ZrO <sub>2</sub>	0.025

