

## TECHNICAL DATA SHEET

<b>PRODUCT</b>	<b>BFC4001</b>
<b>CHEMICAL COMPOSITION</b>	%
Al <sub>2</sub> O <sub>3</sub>	38 – 40
SiO <sub>2</sub>	54 – 56
Fe <sub>2</sub> O <sub>3</sub>	1.5 – 1.8
<b>PHYSICAL PROPERTIES</b>	
Refractoriness	1700 °C
Bulk Density	≥ 2.15 g/cm <sup>3</sup>
Apparent Porosity	≤ ١٨ %
Cold Compressive Strength	≥ 400 kg/cm <sup>2</sup>
Refractoriness under Load	≥ 1400 °C
Linear Thermal Expansion at 1000 °C	0.62 %
Permanent linear Change after 1400 °C	≤ - 0.5 %
<b>Tolerance in Dimensions</b>	
≤ 150 mm	± 1.5 %
≥ 150 mm	± 1.0 %

**The data given in this technical information sheet have been determined as average values on test specimens of standard bricks**

