

## TECHNICAL DATA SHEET

<b>CLASSIFICATION</b>	<b>ASTM C-27</b>
<b>PRODUCT</b>	<b>BFC4301</b>
<b>CHEMICAL COMPOSITION (ASTM C- 573)</b>	<b>%</b>
Al <sub>2</sub> O <sub>3</sub>	42– 43
SiO <sub>2</sub>	51– 52
Fe <sub>2</sub> O <sub>3</sub>	1.4 – 1.7
<b>PHYSICAL PROPERTIES</b>	
Refractoriness (ASTM C -24)	1750 °C
Bulk Density (ASTM C -20)	2.25 g/cm <sup>3</sup>
Apparent Porosity (ASTM C -20)	18 %
Cold Compressive Strength (ASTM C -133)	500 kg/cm <sup>2</sup>
Refractoriness under Load (ASTM C -16)	1450°C
Linear Thermal Expansion at 1000 °C (ASTM C -832)	0.65 %
<b>Tolerance in Dimensions (ASTM C -134)</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**