

## TECHNICAL DATA SHEET

<b>PRODUCT</b>	<b>BAR4001</b>
<b>Max Service Temperature</b>	1350 °C
<b>CHEMICAL COMPOSITION</b>	%
Al <sub>2</sub> O <sub>3</sub>	39 – 41
SiO <sub>2</sub>	53 – 55
Fe <sub>2</sub> O	2.0 - 2.2
K <sub>2</sub> O +Na <sub>2</sub> O	1.3 - 1.8
<b>PHYSICAL PROPERTIES</b>	
Bulk Density	≥ 2.20 g/cm <sup>3</sup>
Apparent Porosity	≤ 15 %
Cold Compressive Strength	≥ 500 kg/cm <sup>2</sup>
Refractoriness under load T <sub>0.5</sub>	≥ 1350 °C
Permanente Linear Change at 1500 °C	± 0.5 %
≤ 150 mm	± 1.5 mm
≥ 150 mm	± 1.0 %

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

