

## TECHNICAL DATA SHEET

<b>PRODUCT</b>	<b>BLW5001</b>
<b>CHEMICAL COMPOSITION</b>	%
Al <sub>2</sub> O <sub>3</sub>	49 – 51
SiO <sub>2</sub>	43 – 45
Fe <sub>2</sub> O <sub>3</sub>	2.0 – 2.5
<b>PHYSICAL PROPERTIES</b>	
Max Service Temperature	1360 °C
Bulk Density	1.0 ± 0.1 g/cm <sup>3</sup>
Cold Compressive Strength	40 kg/cm <sup>2</sup>
Thermal conductivity	
at 400 °C	0.32 (w/mK)
at 800 °C	0.35 (w/mK)
at 1000 °C	0.38 (w/mK)
at 1200 °C	0.42 (w/mK)
<b>Tolerance in Dimensions</b>	± 2.0 %

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