

## TECHNICAL DATA SHEET

<b>PRODUCT</b>	<b>TCC 5001</b>
<b>Max Service Temperature</b>	1475 °C
<b>CHEMICAL COMPOSITION</b>	%
Al <sub>2</sub> O <sub>3</sub>	49 – 51
SiO <sub>2</sub>	41 – 43
<b>Required to Mix (%)</b>	10 – 12
<b>PHYSICAL PROPERTIES</b>	
<b>After Drying at 110 °C for 24 hrs</b>	
Bulk Density	2.20 g/cm <sup>3</sup>
Cold Compressive Strength	400 kg/cm <sup>2</sup>
Linear Change	0.0 %
<b>After Preheating at 1400 °C for 5 hrs</b>	
Bulk Density	2.20 g/cm <sup>3</sup>
Cold Compressive Strength	500 kg/cm <sup>2</sup>
Linear Change	±1 %
<b>Water/Mix Temperature</b>	<b>20±5 °C</b>
<b>Mixing Time (min): Dry/Wet</b>	<b>2/5</b>

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