

## TECHNICAL DATA SHEET

<b>PRODUCT</b>	<b>CLW5501</b>
<b>Max Service Temperature</b>	1375°C
<b>CHEMICAL COMPOSITION</b>	%
Al <sub>2</sub> O <sub>3</sub>	54 - 55
SiO <sub>2</sub>	23 - 25
CaO	10 - 12
<b>Water Required to Mix (%)</b>	35.0 - 40.0
<b>PHYSICAL PROPERTIES</b>	
<b>After Drying at 110 °C for 24 hrs</b>	
Bulk Density	1.2 ± 0.1 g/cm <sup>3</sup>
Cold Compressive Strength	90 kg/cm <sup>2</sup>
Linear Change	0.0 %
<b>After Preheating at 1350 °C for 5 hrs</b>	
Bulk Density	1.15 ± 0.1 g/cm <sup>3</sup>
Cold Compressive Strength	70 kg/cm <sup>2</sup>
Linear Change	≤ -1 %
Thermal conductivity,	
at 400 °C	0.45 (w/mK)
at 800 °C	0.52 (w/mK)
at 1000 °C	0.57 (w/mK)
<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.