

## TECHNICAL DATA SHEET

<b>PRODUCT</b>	<b>CLW4201</b>
<b>Max Service Temperature</b>	1350 °C
<b>CHEMICAL COMPOSITION</b>	%
Al <sub>2</sub> O <sub>3</sub>	41 - 43
SiO <sub>2</sub>	41 - 43
CaO	8 - 10
Fe <sub>2</sub> O <sub>3</sub>	0.9 - 1.2
<b>Water Required to Mix (%)</b>	40.0 - 50.0
<b>PHYSICAL PROPERTIES</b>	
<b>After Drying at 110 °C for 24 hrs</b>	
Bulk Density	1.25 ± 0.1 g/cm <sup>3</sup>
Cold Compressive Strength	60 kg/cm <sup>2</sup>
Linear Change	0.0 %
<b>After Preheating at 800 °C for 5 hrs</b>	
Bulk Density	1.15 ± 0.1 g/cm <sup>3</sup>
Cold Compressive Strength	50 kg/cm <sup>2</sup>
Linear Change	- 0.5 %
<b>After Preheating at 1200 °C for 5 hrs</b>	
Bulk Density	1.15 ± 0.1 g/cm <sup>3</sup>
Cold Compressive Strength	40 kg/cm <sup>2</sup>
Linear Change	- 1 %
<b>Thermal conductivity,</b>	
At 400 °C	0.40 (w/mK)
At 800 °C	0.43 (w/mK)
At 1000 °C	0.50 (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.