

### TECHNICAL DATA SHEET

<b>CLASSIFICATION</b>	<b>ASTM C-401</b>
<b>PRODUCT</b>	<b>LCC 9401</b>
<b>Max Service Temperature</b>	1800 °C
<b>CHEMICAL COMPOSITION, ASTM C- 573</b>	%
Al <sub>2</sub> O <sub>3</sub>	92 – 94
SiO <sub>2</sub>	5 – 7
<b>Water Required to Mix (%)</b>	4.0 – 5.0
<b>PHYSICAL PROPERTIES</b>	
<b>After Drying at 110 °C for 24 hrs</b>	
Bulk Density, <i>ASTM C - 134</i>	3.10 g/cm <sup>3</sup>
Cold Compressive Strength, <i>ASTM C - 133</i>	1100 kg/cm <sup>2</sup>
Linear Change, <i>ASTM C - 113</i>	0.0 %
<b>After Preheating at 1500 °C for 5 hrs</b>	
Bulk Density, <i>ASTM C - 134</i>	3.10 g/cm <sup>3</sup>
Cold Compressive Strength, <i>ASTM C – 133</i>	1400 kg/cm <sup>2</sup>
Linear Change, <i>ASTM C - 113</i>	±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.