

TECHNICAL DATA SHEET

PRODUCT	CLW5001
Max Service Temperature	1200°C
CHEMICAL COMPOSITION	%
Al ₂ O ₃	49 - 51
SiO ₂	25 - 27
CaO	11 - 14
Water Required to Mix (%)	40.0 – 45.0
PHYSICAL PROPERTIES	
After Drying at 110 °C for 24 hrs	
Bulk Density	1.1 ±0.1 g/cm ³
Cold Compressive Strength	30 kg/cm ²
Linear Change	0.0 %
After Preheating at 1200 °C for 5 hrs	
Bulk Density	1.1 ±0.1 g/cm ³
Cold Compressive Strength	25 kg/cm ²
Linear Change	-1 %
Thermal conductivity,	
at 400 °C	0.38 (w/mK)
at 800 °C	0.40 (w/mK)
at 1000 °C	0.45 (w/mK)
Water/Mix Temperature	20±5 °C
Mixing Time (min): Dry/Wet	2/5

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