

TECHNICAL DATA SHEET

PRODUCT	CLW4301
Max Service Temperature	1350 °C
CHEMICAL COMPOSITION	%
Al ₂ O ₃	42 - 44
SiO ₂	40 - 42
CaO	11 - 13
Fe ₂ O ₃	1.3 - 1.5
Water Required to Mix (%)	40.0 - 50.0
PHYSICAL PROPERTIES	
After Drying at 110 °C for 24 hrs	
Bulk Density	1.40 ± 0.1 g/cm ³
Cold Compressive Strength	100 kg/cm ²
Linear Change	0.0 %
After Preheating at 800 °C for 5 hrs	
Bulk Density	1.35 ± 0.1 g/cm ³
Cold Compressive Strength	60 kg/cm ²
Linear Change	- 0.5 %
After Preheating at 1350 °C for 5 hrs	
Bulk Density	1.35 ± 0.1 g/cm ³
Cold Compressive Strength	75 kg/cm ²
Linear Change	- 1 %
Thermal conductivity,	
At 400 °C	0.50 (w/mK)
At 800 °C	0.55 (w/mK)
At 1000 °C	0.60 (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.