

TECHNICAL DATA SHEET

JM23

CLASSIFICATION	ASTM C-155
PRODUCT	BLW2301
CHEMICAL COMPOSITION, ASTM C- 573	%
Al ₂ O ₃	30 – 35
SiO ₂	54 – 59
Fe ₂ O ₃	1.0 – 1.5
PHYSICAL PROPERTIES	
Max Service Temperature, ASTM C -24	1250 °C
Bulk Density, ASTM C - 134	0.5 – 0.6 g/cm ³
Cold Compressive Strength, ASTM C – 93	≥ 12 kg/cm ²
Permanent Linear change at 1250 °C, ASTM C113	≤ - 1.0 %
Thermal conductivity, ASTM C-182	
at 400 °C	0.18 (w/mK)
at 800 °C	0.20 (w/mK)
at 1000 °C	0.25 (w/mK)
Tolerance in Dimensions <i>ASTM C - 134</i>	
< 150 mm	± 2.0 %
> 150 mm	± 1.0 %

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