

TECHNICAL DATA SHEET

JM30

CLASSIFICATION **ASTM C-155**

PRODUCT **BLW7001**

CHEMICAL COMPOSITION, ASTM C- 573 %

Al₂O₃ 70 – 73

SiO₂ 24 – 27

Fe₂O₃ 0.5 -0.6

PHYSICAL PROPERTIES

Max Service Temperature, **ASTM C -24** 1650 °C

Bulk Density, **ASTM C - 134** 1.0 ± 0.05 g/cm³

Cold Compressive Strength, **ASTM C - 93** 50 kg/cm²

Thermal conductivity, **ASTM C-182**

at 400 °C 0.38 (w/mK)

at 800 °C 0.40 (w/mK)

at 1000 °C 0.42 (w/mK)

at 1200 °C 0.43 (w/mK)

Tolerance in Dimensions ASTM C - 134

≥ 150 mm ± 1.0 %

≤ 150 mm ± 2.0 %

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