

**TECHNICAL DATA SHEET**

**JM28**

**CLASSIFICATION** **ASTM C-155**

**PRODUCT** **BLW6801**

**CHEMICAL COMPOSITION, ASTM C- 573** %

Al<sub>2</sub>O<sub>3</sub> 65 – 68

SiO<sub>2</sub> 29 – 32

Fe<sub>2</sub>O<sub>3</sub> 0.5 - 0.7

**PHYSICAL PROPERTIES**

Max Service Temperature, **ASTM C -24** 1500 °C

Bulk Density, **ASTM C - 134** 0.9 ± 0.05 g/cm<sup>3</sup>

Cold Compressive Strength, **ASTM C - 93** 0 kg/cm<sup>2</sup>

Thermal conductivity, **ASTM C-182**

at 400 °C 0.32 (w/mK)

at 800 °C 0.36 (w/mK)

at 1000 °C 0.38 (w/mK)

at 1200 °C 0.40 (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.