



## Product data sheet

Refractory applications –Mortars(High Alumina)

Reference META07/06

# METAMORTAR-70

### Applications

- METAMORTAR-70 is an air setting/ceramic bonded mortar with alumina content of approximately 70%, which is designed to be used at high temperatures, in excess of 1500°C.
- It is used for high alumina bricks laying and patching.

### General characteristics

#### Chemical composition

#### Main constituents (%)

Al<sub>2</sub>O<sub>3</sub>- 70% min, Fe<sub>2</sub>O<sub>3</sub>- 2.5 % max.

#### Physical properties

Grain Size	Bulk Density	Setting	Service Temperature	Water Addition	PCE Value	PLC Briquette size 25 X 25 X100 8 %moisture dried at 110°C
0.5-0mm 95% must pass through 30 mesh B.S.S	2.5gm/cc	Air Setting/ Ceramic Bonding	1500° C-1650°C	20-25%	ORTON 35 min.	At 1500°C/2hrs± 2%

### Packaging

METAMORTAR-70 does not contain any additives. METAMORTAR-70 packaging is designed to protect it from moisture. However, it is recommended that METAMORTAR-70 not be placed in direct contact with the ground. When correctly stored, the shelf life of METAMORTAR-70 is at least 6 months. In most cases, its properties are retained for over a year.

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