



## Product data sheet

Refractory applications –Mortars(Special Mortar)

Reference META07/06

# METAREF-70K

### Applications

- METAREF-70K is a chemical/ceramic bonded special mortar with alumina content of approximately 70%, which is used at high temperatures, in excess of 1600°C.
- It is used for fixing well block and nozzle in steel plants.

### General characteristics

#### Chemical composition

#### Main constituents (%)

Al<sub>2</sub>O<sub>3</sub>- 70% min, Fe<sub>2</sub>O<sub>3</sub>- 1 % 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
0.1-0mm 95% must pass through 100 mesh B.S.S	2.5gm/cc	Chemical/ Ceramic Bonding	1600° C- 1700°C	20-25%	ORTON 36 min.	At 1500°C/2hrs± 1.5%

### Packaging

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

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