



Product data sheet

Refractory applications –Mortars(Ordinary)

Reference META07/06

METAMORTAR-30

Applications

- METAMORTAR-30 is an air setting/ceramic bonded mortar with alumina content of approximately 30%, which is designed to be used at medium to high temperatures, in excess of 1100°C.
- It is used for brick laying of IS-6 quality and general purpose mortar.

General characteristics

Chemical composition

Main constituents (%)

Al₂O₃- 30% min, Fe₂O₃- 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	1.6gm/cc	Air Setting/ Ceramic Bonding	1100° C-1300°C	20-25%	ORTON 30 min. (1665°C)	At 1350°C/5hrs± 3%

Packaging

METAMORTAR-30 does not contain any additives. METAMORTAR-30 packaging is designed to protect it from moisture. However, it is recommended that METAMORTAR-30 not be placed in direct contact with the ground. When correctly stored, the shelf life of METAMORTAR-30 is at least 6 months. In most cases, its properties are retained for over a year.

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