



## Product data sheet

Refractory applications –Conventional Castables

Reference META07/06

# METACRETE-SUPER

### Applications

- METACRETE-SUPER is a conventional castable having hydraulic setting system with alumina content of approximately 70%, which is designed to be used at medium to high temperatures, in excess of 1300°C.
- It is used for repairing/patching in lining of ladle 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>- 3.5 % max. , CaO- 5 to 5.5%

#### Physical properties

Grain Size	Bulk Density	Cold Crushing Strength	Setting	Service Temperature	Water Requirement	PCE Value	PLC Briquette size 25 X 25 X100 10 %moisture dried at 110°C
0-5mm	2.5-2.55 gm/cc	At 110°C/24 hrs. 400kg/cm <sup>2</sup> min.	Hydraulic setting	1200°C to 1400°C	10-12%	ORTON 34 min.	At 1400°C/2hrs± 1.5%

### Packaging

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

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