



A 1600°C low iron gunning material with good strength, abrasion and thermal shock resistance. Also exhibits good casting and trowelling properties.

### Characteristics

Bond Type	Hydraulic
Raw Material Base	Calcined Chamotte
Maximum Service Temperature °C	1600
Refractoriness °C (Seeger Cone)	1690 (31)
Bulk Density kg/m <sup>3</sup> Dried to 110°C	2080
Net Material Required Cast (Gunned) kg/m <sup>3</sup>	1950 (2020)

### Physical Properties

Test Temperature °C	Cold Crushing Strength N/mm <sup>2</sup>	Permanent Linear Change %
110	34	nil
800	27	-0.2
1000	24	-0.3
1300	31	-0.6
1600	34	-1.8

<b>Thermal Conductivity</b> at mean temp. 600°C (W/mK)	0.79
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Chemical Analysis	(%)
Al <sub>2</sub> O <sub>3</sub>	49
SiO <sub>2</sub>	43
CaO	5.5
Fe <sub>2</sub> O <sub>3</sub>	1.0
Cr <sub>2</sub> O <sub>3</sub>	-
SiC	-
P <sub>2</sub> O <sub>5</sub>	-
MgO	-

Water Addition	
% by weight	12-14
Litres/25kgs	3.0-3.5

Samples Prepared By : Vibrocasting

Reference No.	TMD693/01/5
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The above data is determined by regular sample testing in accordance with British Standard 1902 (where applicable). Because normal manufacturing tolerances apply, the data should not be taken as a precise specification.

Your local contact :-



ISO 9002 Approved

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