

# CASTREE KILNS

## Dense Castable - 1600°C

Type	Castable
Code	
Bonding	
Main Raw Material	Alumina
Grain Size	0-6mm
Temperature Limit of Application	1600 °C
Installation	Casting
Storage Life	6 Months (stored dry in original packaging)
Type of Delivery	Dry (In poly Lined paper bags or Bul bags)

### Physical Properties

Additional Water			9-13		%
Required Material			2350		Kg/m <sup>3</sup>
Open Porosity			.....		%
Dilatation			.....		%
°C	Bulk Density (Kg/m <sup>3</sup> )	Perm. Lin. Change of Dimensions (%)	CCS (N/mm <sup>2</sup> )	Cold MOR (N/mm <sup>2</sup> )	Thermal Conductivity (W/mK)
110	2200		30		
400					1,26
800					1,32
1600		-0,4	60		

### Chemical Analysis (approx. %)

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	CaO				
59.3	31.08	1.26	4.72				