

**DATA SHEET OF DENSE CASTABLE**

SL NO	PARAMETERS	SPECIFICATION
1	PRODUCT BRAND	IND FH LT
2	DESCRIPTION	LOW TEMPERATURE CASTABLE UPTO 800°C
3	MAX SERVICE TEMP, °C	1450
4	NATURE OF BOND	HYDRAULIC
5	GRAIN SIZE, MM	0 - 5
6	INSTALLATION	TROWELLING / VIBRATION CASTING
7	CHEMICAL ANALYSIS	
	Al <sub>2</sub> O <sub>3</sub> , %	30.00 MIN
	Fe <sub>2</sub> O <sub>3</sub> , %	4.00 MAX
	CaO, %	13.50 MAX
8	WATER REQD FOR CASTING, %	11 to 13
9	BD, g/cc	
	After drying at 110°C / 24 hours	1.90 MIN
10	CCS, kg/cm <sup>2</sup>	
	After drying at 110°C / 24 hours	250 MIN
	After heating at 500°C / 3 hours	220 MIN
	After heating at 800°C / 3 hours	200 MIN
11	PERMANENT LINEAR CHANGE, %	
	After heating at 500°C / 3 hours	± 0.20 MAX
	After heating at 800°C / 3 hours	± 1.00 MAX
12	THERMAL CONDUCTIVITY, kcal/m/hr/°C	
	At 500°C HF TEMP	0.75 - 0.85
13	PACKAGING, Bags	50 KG
14	STORAGE LIFE, Months	9



15	DELIVERY STATE	DRY
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