



# RAJ CERAMICS

## U CONVENTIONAL CASTABLE

Sl. No.	Brand	GENERAL PROPERTIES				PHYSICAL PROPERTIES		C.C.S Kg/cm <sup>2</sup>		P.L.C. (%) MAX	CHEMICAL ANALYSIS	
		Base Raw Material	Max Grain Size (mm)	Water addition on site (%)	Reversible Thermal Expansion at 1000°C (%)	Max Service Temp (°C)	Dry Density (Kg/m <sup>3</sup> ) min at 110°C	at 110°C /24hrs	at 800 °C/3 hrs		at 1500 °C/ 3 hrs	Al <sub>2</sub> O <sub>3</sub> (%) min
1	Rajcrete	Chamotte	5.0	10.5-12.0	0.55	1580	2100	250	240	±1.0	40	4
2	Rajcrete Special	Kaolin	5.0	10.0-12.0	0.6	1600	2150	270	290	±0.5	45	2.5
3	Rajcrete Super	Bauxite	5.0	11-12.0	0.65	1680	2400	350	300	±1.0	65	5
4	Rajheat M	Diaspore	5.0	9-10.0	0.75	1800	2600	550	450	±1.0	80	1.5
5	Rajheat A Supreme	Ch. Bxt.	5.0	9-11	0.75	1800	2700	500	500	±1.5	85	2.5
6	Rajheat A	BFA	5.0	9-10.0	0.8	1820	2800	600	430	±1.0	90	0.8
7	RC-90 S	Corundum	5.0	10-12.0	0.6	1709	2700	500	400	±1.5	82	3.0
8	Rajheat K	Kyamite	5.0	10-11.0	0.6	1683	2200	350	280	±1.5	60	1
9	Rajheat C	Grog	5.0	10-11.5	0.55	1665	2100	350	280	±1.0	50	1.5
10	Rajheat K (spl)	-	5.0	10-11.0	0.88	1670	2000	450	350	±1.5	61	1
11	Rajheat C (spl)	-	5.0	11-12.0	0.55	1500	2000	400	360	±1.0	50	1.3

Nature of Bond : Hydraulic Delivery State : Dry Installation : Vibrating Storage Life : 6 months / Alumina % is without additives



- The above values represent values obtained on standard squares in accordance with accepted test methods and are subject to manufacturing variations. This information is supplied as a technical service and may change without notice. Results are only indicative data and should not be used for specification/guarantee purposes. Size tolerance ±1.5% or ±2mm which ever is greater.
- We also make Bricks on tailor-made specification
- Grading means 90% passing through the desired sieve

