BURAKAST - 45

(High Alumina Refractory Cement)

TECHNICAL DATA SHEET

1. CHEMICAL ANALYSIS (%)

Aluminium Oxide (Al_2O_3)	45 ± 2 %
Calcium Oxide (CaO)	34 ± 2 %
Iron Oxide (Fe_2O_3)	6 ± 1 %
Silicon Dioxide (SiO_2)	10 ± 1 %

2. PHYSICAL PROPERTIES

- **Setting Time**

Initial Setting Time	> 30 Minutes
Final Setting Time	< 300 Minutes

- **CCS** (1 : 3 vibrated mortar using standard graded sand)

1 Day (Cured at 20˚C ± 2˚C / 24 hrs)	20 - 30 MPa
2 Days (Cured at 110˚C / 24 hrs)	25 - 40 MPa

- **Additional Properties**

Specific Surface (Blaine)	> 3600 cm^2/g
Residue on 90 µm (170 mesh)	≤ 5 %

Shelf Life : 6 Months from the date of manufacture