

## PHYSICAL CHARACTERISTICS

Parameters for Comparison	Rajshakti Cement Normal	Rajshakti Cement Dhalai Special	PSC as per IS 455-1989
<b>Compressive Strength</b>			
3 Days	18 Avg	22 Avg	Min 16
7 Days	24 Avg	28 Avg	Min 22
28 Days	36 Avg	40 Avg	Min 33
<b>Setting Time</b>			
I.S.T.	90 – 120 Mins	80 – 110 Mins	Min 30
F.S.T	190 – 270 Mins	180 – 250 Mins	Max 600
Fineness	3600	3800	Min 2500
<b>Soundness Expansion</b>			
L.C.	2 – 5	1 – 5	Max 10
<b>Chemical Characteristics</b>			
Insoluble Residue (I.R)	2%	1.5%	Max 5.0
Calcium Oxide(CaO)	41%	43%	Max 60
Magnesium Oxide(MgO)	7%	6.5%	Max 10
Ferrous Trioxide (Fe2O3)	3.8%	3.5%	Max 6
Aluminium Trioxide (Al2O3)	1.8%	2.1%	Max 5
Silica Dioxide (SiO2)	20%	19.5%	Max 25
Sulphur Trioxide (SO3)	2.5%	2.5%	Max 4.0



Sandhu Group

### REGISTERED OFFICE

3A, 11A, 3rd Floor, and 11th Floor  
75C Park Street, Kolkata - 700 016  
Phone: 033 2226 3660/2, Fax: 033 2226 3661  
Email: care@sandhugroup.in  
Web: www.sandhugroup.in

### BRANCH OFFICE

Sandhu colony, Joraphatak Road  
Dhanbad 826001 (Jharkhand)  
Phone: 91-326 2307555, Fax: 91-326 2304999

### WORKS

Amjhore, Ballapur, Dhanbad (Jharkhand)

### Customer Care

West Bengal - 9903326897, 9163593000  
Jharkhand - 8540955907, 8757938409



Sandhu Group





## Know Us

The 21st Century imperative that every enterprise must expand its capabilities and embrace the changing world is the reason why Sandhu Group came into being.

Sandhu Group is one of the rapidly growing business conglomerates in the Eastern Region of India. With an immense turnover the Sandhu Group's involvement encompasses diverse fields.

Established in 1948, the Group has set the pace in sustainable development and envisages for itself a strong and dependable role in integrating social, environmental and development goals that will do itself and the country proud.

Sandhu Group has built quite a reputation for diversity since the days when the founder Shree Sarup Singh Sandhu established the company and made a name in the demanding business of timber supply to top-of-the-line companies. Reputed Companies like Andrew Yule, Karamchand Thapar, Bengal Coal co, Tata Steel, Bird Group among others made Sandhu Group their preferred supplier. The founder did it with business acumen, modern and innovative outlook, reputation, hard work and honesty, and 40 years later his son picked up the torch and lit the lamps of diversification – iron ore trading, logistics, coal mining, real estate and cement.



## All About Rajshakti Cement

### GRINDING MILL

The mill was supplied by M/s Movers India, whose knowhow and name itself speaks volumes in this country regarding the quality of machinery and also provides assurance regarding satisfactory quality.

Our Grinding Mill is equipped with High Chrome Liners filled with high chrome grinding media of proper ball size keeping proper mean piece weights in both chambers to ensure accurate grinding.

### ELECTRONIC WEIGH FEEDERS

Accurate Segregation of high quality Clinker, high quality Blast Furnace Granulated and Quenched Slag and best quality Gypsum in cement is among the most important parameters, which strengthens the quality of cement to make it superior.

The above has been assured because of our policy to install one of the best available machines in the country which is none other than Electronic Weigh Feeders supplied by M/s VT Corp., Mumbai, the only one with this expertise.



### STORAGE/ELECTRONIC PACKERS

The cement is stored in perfectly constructed large silos suitable to keep it fresh and allow it to flow freely. The high accuracy auto packer system is installed in the plant to pack the cement in bags with accurate weights. One of the best available Electronic Packers manufactured and supplied by M/s Shiva Engineers Service is installed in our plant.

### QUALITY ASSURANCE OF THE BRAND 'RAJSHAKTI CEMENT'

'RAJSHAKTI CEMENT' brand is manufactured with stringent quality control under the strict supervision of highly qualified and experienced technical staff. All the raw materials and the finished product are tested rigorously at various stage of its production in our High-Tech Cement Test Lab, approved and certified by The Bureau of Indian Standards. Thus, we assure our products' users always get highly consistent, durable and strong quality cement. This provides safety and long-life to concrete and constructions to the full satisfaction of our valued clients.

'RAJSHAKTI CEMENT' brand can be used for all sorts of civil structures viz., mass concretes for foundations, columns, beams and for everything which cement can build i.e., flooring, plastering, roofing etc. Hence people call our cement 'CEMENT KA RAJA'.



### CEMENT BAGS

Cement is packed in valve type, pre-stitched, polythene lined, properly sized PP and Paper bags which are required to maintain the proper weight of cement.

