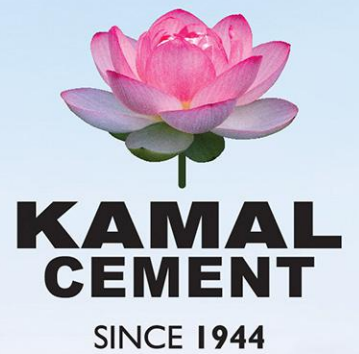


**Varsho ni Salamati
Kamal ni Mazbooti**



**SULPHATE RESISTING
PORTLAND CEMENT**

7 DECADES OF KAMAL CEMENT

Kamal Cement is a pre-independence brand envisaged by the great Sardar Patel to build an Independent India for the days to come. Under the leadership of Maharaja Shri Digvijay Sinhji, Kamal Cement was a result of both Patriotism and Entrepreneurship. Kamal Cement standing strong since past seven decades carves out the long proud legacy of building the nation by manufacturing superior quality cement, thereby making it one of the most experienced cement producing companies in India. The competitive edge is exhibited through constant technological upgradation and its commitment to give a perfect quality cement that is quality focused. The IMS (ISO 9001, 14001 & 18001) certified Industry accredited with International Standard Quality Control Systems meets the most advanced methods of Consistent Quality Cement production. Fully automatic and dynamically monitored production process with latest online expert analysers ensuring consistency in quality of every finest grain of cement, making Kamal Cement the most preferred cement brand in India.

KAMAL CEMENT

SULPHATE RESISTING PORTLAND CEMENT

Kamal SRPC Cement is Sulphate Resisting Portland Cement manufactured with regards to IS 12330. This Super Quality Premium Cement comes with High Sulphate Resistivity Composition to give total protection from the most corrosive Sulphate attacks of Moisture & Alkaline Air in the Environment.

Kamal SRPC Cement is the most ideal Cement for Coastal Constructions and all PCC & RCC Underground Constructions making your Foundations stand rock solid.

SHREE DIGVIJAY CEMENT CO. LTD produced Kamal SRPC Cement has low C_3A (less than 5%) content which makes Concrete - Sulphate and Alkali Resistant, ensuring ever-lasting protection to your dream structures.

QUALITY

At SHREE DIGVIJAY CEMENT CO. LTD, we produce Kamal SRPC Cement from Internationally accredited American Petroleum Institute (API) processing standard. All the raw materials are selected with utmost care. Strict quality control throughout each stage of manufacturing process ensuring the best quality & consistency till the last particle of our product.

FOUNDATION CEMENT

Sulphate (SO_3) is a harmful compound found in dissolved forms in some soils and ground water that penetrates the hardened concrete and attacks it by converting Calcium Aluminates and Sulphoaluminates into Ettringite which makes the concrete expand and thereby tear apart.

KEY FEATURES

- ✓ **Sulphate Resistant** – Kamal Cement has the unique property of having low C_3A (< 5%) making it Super Sulphate Resisting cement and being Alkali Resistant.
- ✓ **Dissolution Resistant** – Kamal Cement has a unique property of being lower susceptible to dissolution.
- ✓ **Corrosion Resistant** – Kamal Cement has negligible Chlorides and Alkalis which improves resistance to Sulphates in Soil and Sea atmospheric conditions thereby making your dream constructions Super Corrosion Resistant.

Properties	Requirements as per IS 12330:1988	Kamal Cement
CHEMICAL PROPERTIES		
Insoluble Residue (IR)	4.0 % Max.	1.5 % Max.
Magnesia (MgO)	6.0 % Max.	2.0 % Max.
Sulphuric Anhydride (SO_3)	2.5 % Max.	2.5 % Max.
Loss on Ignition (LOI)	5.0 % Max.	3.0 % Max.
Lime Saturation Factor (LSF)	0.66 to 1.02	0.90 to 0.95
Tricalcium Aluminate (C_3A)	5.0 % Max.	4.0 % Max.
C_4AF+2C_3A	25.0 % Max.	24.0 % Max.
PHYSICAL PROPERTIES		
Fineness (M^2/Kg)	225 Min.	290 ± 10
SETTING TIME (MINUTES)		
Initial	30 Min.	110 ± 30
Final	600 Max.	210 ± 30
SOUNDNESS		
Le Chatelier Expansion	10.0 mm Max.	1.0 mm Max.
Max Autoclave Expansion	0.8 % Max.	0.15 % Max.
COMPRESSIVE STRENGTH (MPa)		
On 3 rd Day	10 MPa.	33 ± 3
On 7 th Day	16 MPa.	43 ± 3
On 28 th Day	33 MPa.	58 ± 3

APPLICATIONS

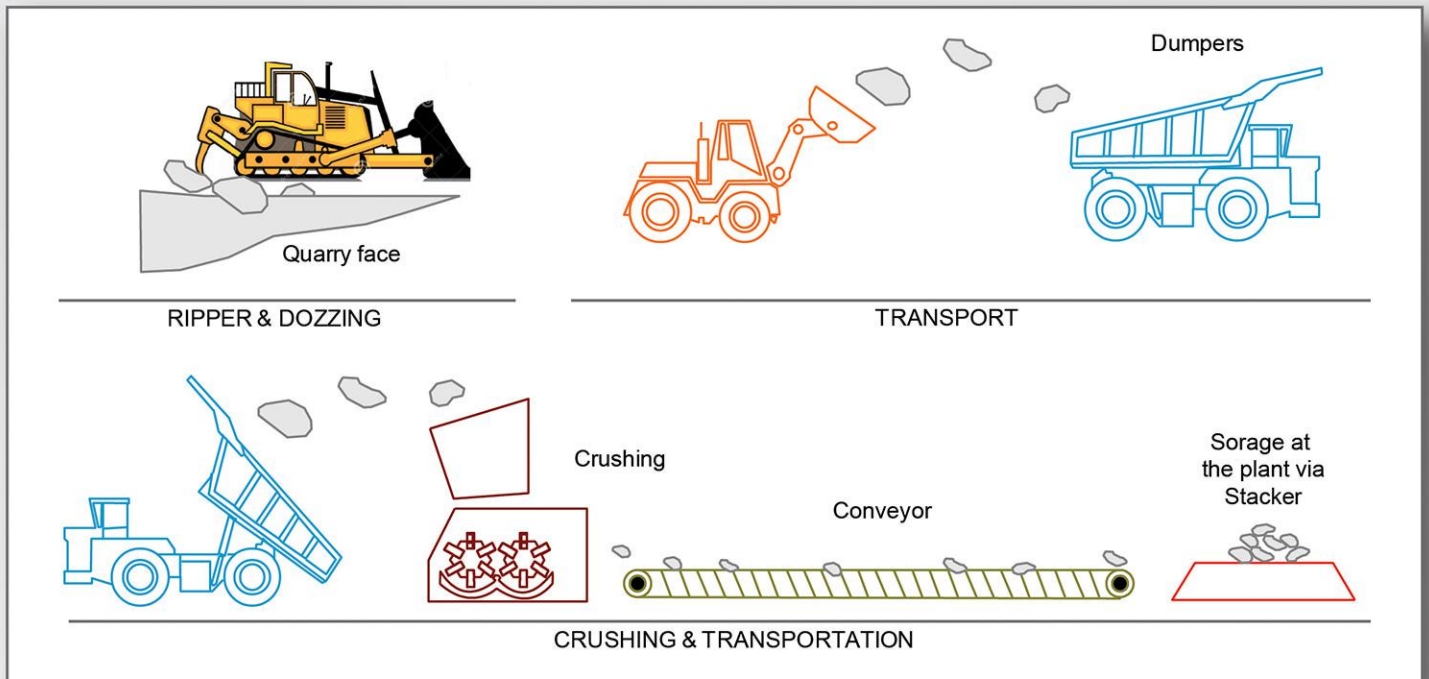
Sulphate Resisting Portland Cement (SRPC) is a superior quality cement for wide range of applications. The key applications are in the Coastal and Sub-Sea RCC/PCC construction work.

Kamal SRPC Cement is suitable to use with wide range of additives and admixtures to extend the properties and uses of concretes. The most ideal applications are in:

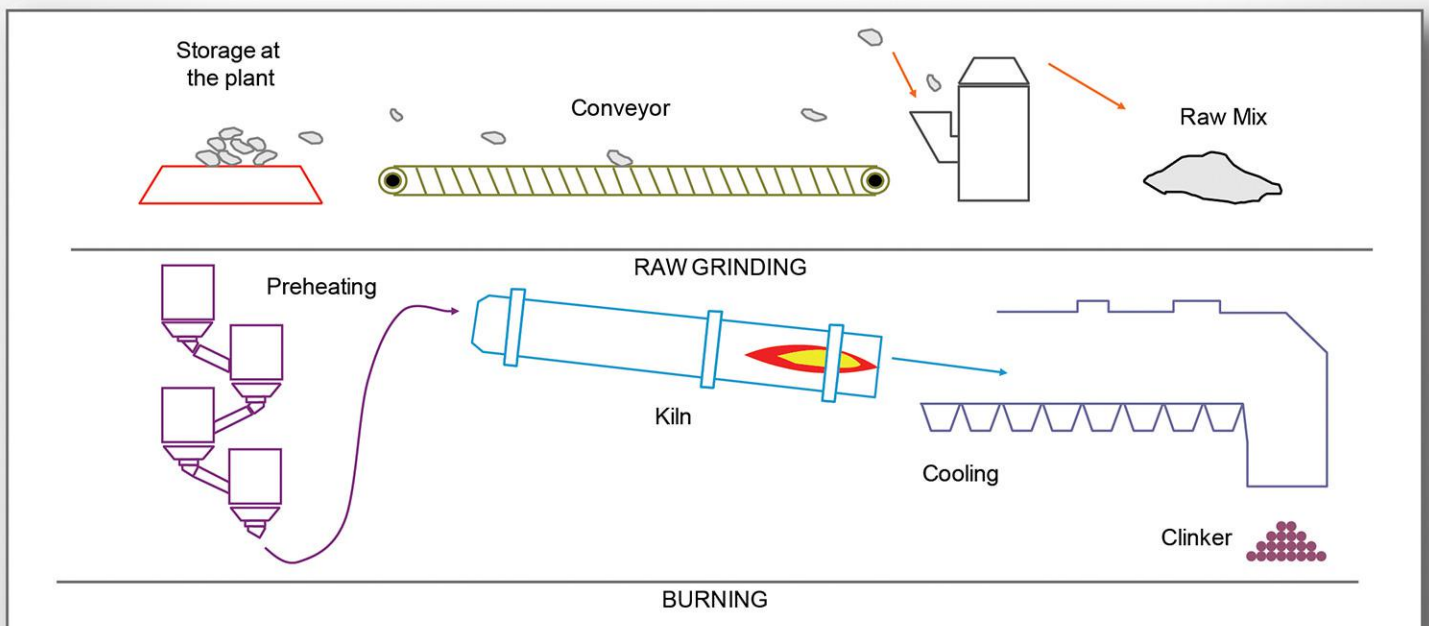
- For coastal constructions like Ports, Harbours, Docks, Breakwaters, Tetrapods, etc.
- For Coastal towns with Residential, Commercial, Industrial Complexes & Multi-story buildings.
- Subsoil structures like Underground water tanks and foundations.
- Construction of sewage and drainage systems (Pipes) and lining of canals, etc.
- Other applications for industrial effluent treatments, cooling towerwork RCC constructions etc.

OUR WAY OF MANUFACTURING

QUARRYING



PYROPROCESSING



કમળ
સિમેન્ટ
SINCE 1944

Regd. Office & Works :

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