



Galaxy
CEMENT
Premium +

PROFILE



IRADON SE BHI MAZBOOT



ABOUT US

Started with the idea of building a strong nation and manufacturing quality cement, Galaxy Cement has emerged as preferred and reputed brand in the North East India since 1998.

Galaxy Cement ensures the best quality and adheres to all quality parameters to ensure complete customer satisfaction. We understand the importance of every construction and have ensured quality cement made with the best quality raw materials and technology.

The cement plant is located at Jorabat, Kamrup, Assam.





VISION

To be one of most trusted and reliable cement brand in North East India



MISSION

To ensure development of the economy and contribute towards the nations development.



VALUES

INTEGRITY

Acting and taking decisions in a manner that is fair and honest. Following the highest standards of professionalism and being recognised for doing so. Integrity for us means not only financial and intellectual integrity, but encompasses all other forms as are generally understood



SPEED

Responding to internal and external customers with a sense of urgency. Continuously striving to finish before deadlines and choosing the best rhythm to optimise organisational efficiencies.





OUR PRODUCTS

Portland Pozzolana Cement (PPC)

Portland Pozzolana Cement (PPC) is a kind of Blended Cement which is produced by either intergrinding of Portland Pozzolana clinker along with gypsum and pozzolanic materials in certain proportions in closed circuit grinding technology.

Galaxy Cement PPC is based on BIS quality specification and can be used in heavy load infrastructure and construction.

Ordinary Portland Cement

Ordinary Portland Cement (43 Grade) is produced as per IS:269:2015 by carefully selecting high quality limestone and other ingredients through advanced dry process technology to achieve higher strength.



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CHARACTERISTICS






PORTLAND POZZOLANA CEMENT

Galaxy Cement advantages

Typical Engineering Properties of Portland Pozzolana Cement

PORTLAND POZZOLANA CEMENT REQUIREMENTS AS PER IS:1489:2015

PHYSICAL REQUIREMENTS

	FINENESS	Galaxy Cement Performance	MAXIMUM ADVANTAGE FOR CONSTRUCTION
	Specific Surface (m ² /kg) Minimum 300 m ² /kg	360 m²/kg	Faster Strength Gaining
	SOUNDNESS	Galaxy Cement Performance	MAXIMUM ADVANTAGE FOR CONSTRUCTION
	Le-Chattelier Expn.(mm) Maximum 10mm Autoclave Expn.(%) maximum 0.8%	1-2 mm 0.20%	Better Durability Better Durability
	SETTING TIME (minutes)	Galaxy Cement Performance	MAXIMUM ADVANTAGE FOR CONSTRUCTION
	Initial Setting Time less than 30 minutes Final Setting Time more than 600 minutes	130 min 190 min	Gives more time to use mortar and concrete Early deshuttering advantage
	CHEMICAL REQUIREMENTS	Galaxy Cement Performance	MAXIMUM ADVANTAGE FOR CONSTRUCTION
	Loss on Ignition (LOI), % by mass Maximum 5.0% Magnesia, (MgO), by mass Maximum 6.0% sulphur Calculated as SO ₃ by mass Maximum 3.5% Insoluble Ratio X+4.0 (100-X) 100 Max Xx 0.6 Min Chloride % by Mass Maximum 0.10% (for cement used in special structures like pre-stressed concrete)	1.28% 2.01% 1.86% 24% 0.012%	Fresh cement with intact engineering properties Prevents delayed cracks Optimum setting of paste Assured quality of clinker for quality cement Extended Durability
	COMPRESSIVE STRENGTH (MPa)	Galaxy Cement Performance	MAXIMUM ADVANTAGE FOR CONSTRUCTION
	At 3 Days Minimum 16 Mpa At 7 Days Minimum 22 Mpa At 28 Days Minimum 33 Mpa Drying Shrinkage (%) Maximum 0.15% Fly Ash used as Pozzolana % of PPC 15% - 35%	23 Mpa 32 Mpa 50 Mpa 0.02% 25% - 30%	Higher Initial Strength Higher Initial Strength Higher Initial Strength Crack resistance and better durability Better workability & reduces cement consumption for Design Mix of Concrete (Higher Compressive strength using lesser quantity of cement)



CHARACTERISTICS

ORDINARY PORTLAND CEMENT – 43 Grade

Galaxy Cement advantages
Typical Engineering Properties of 43 Grade Ordinary Portland Cement

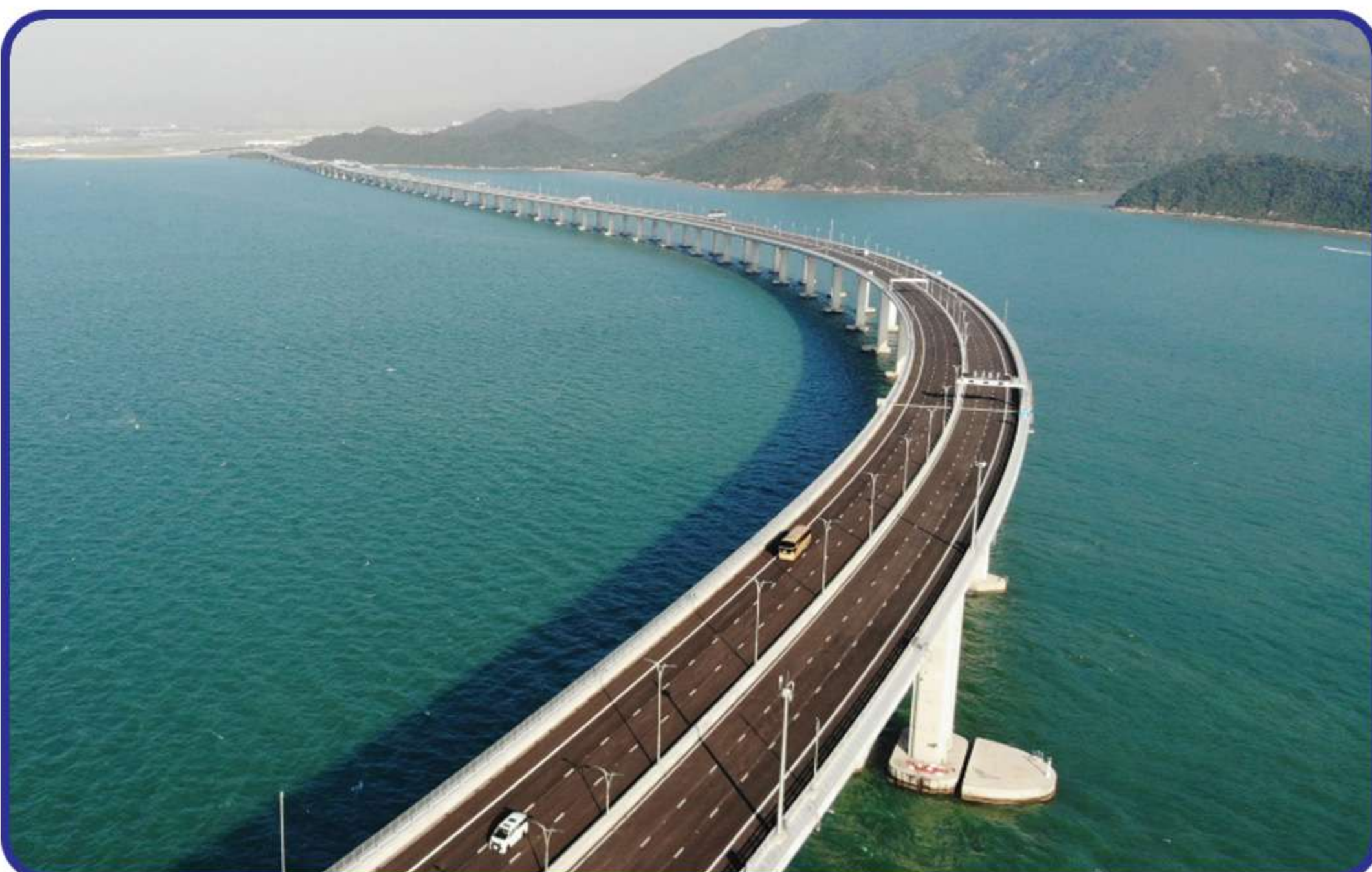
ORDINARY PORTLAND CEMENT REQUIREMENTS AS PER IS:269:2015

 SETTING TIME (minutes)		Galaxy Cement Performance	MAXIMUM ADVANTAGE FOR CONSTRUCTION
Initial Setting Time	Minimum 30 minutes	120 min	Higher application time without losing plastic property of mortar and concrete, beneficial for strategic constructions
Final Setting Time	Maximum 600 minutes	180 min	Optimum final setting time helps to perform in concrete hardening process and ensures better final setting
 COMPRESSIVE STRENGTH (MPa)		Galaxy Cement Performance	MAXIMUM ADVANTAGE FOR CONSTRUCTION
At 3 Days	Minimum 23 Mpa	30 Mpa	Helps to achieve Higher Initial Strength in important RCC works
At 7 Days	Minimum 33 Mpa	40 Mpa	Helps to achieve Higher Initial Strength in important RCC works
At 28 Days	Minimum 43 Mpa and Maximum 58 Mpa	55 Mpa	Helps to achieve Higher Initial Strength in important RCC works as per Design Mix of different concrete grades
 FINENESS		Galaxy Cement Performance	MAXIMUM ADVANTAGE FOR CONSTRUCTION
Specific Surface (m2/kg)	Minimum 220 m2/kg	310 m2/kg	Higher Specific surface ensure faster strength gaining of concrete works
 SOUNDNESS (in m2/kg)		Galaxy Cement Performance	MAXIMUM ADVANTAGE FOR CONSTRUCTION
Le-Chattelier Expn.(mm)	Maximum 10 mm	2.00 mm	Since the expansion and contraction is minimal, the structure has extended durability
Autoclave Expn.(%)	Maximum 0.8%	0.25%	Since the expansion and contraction is minimal, the structure has extended durability





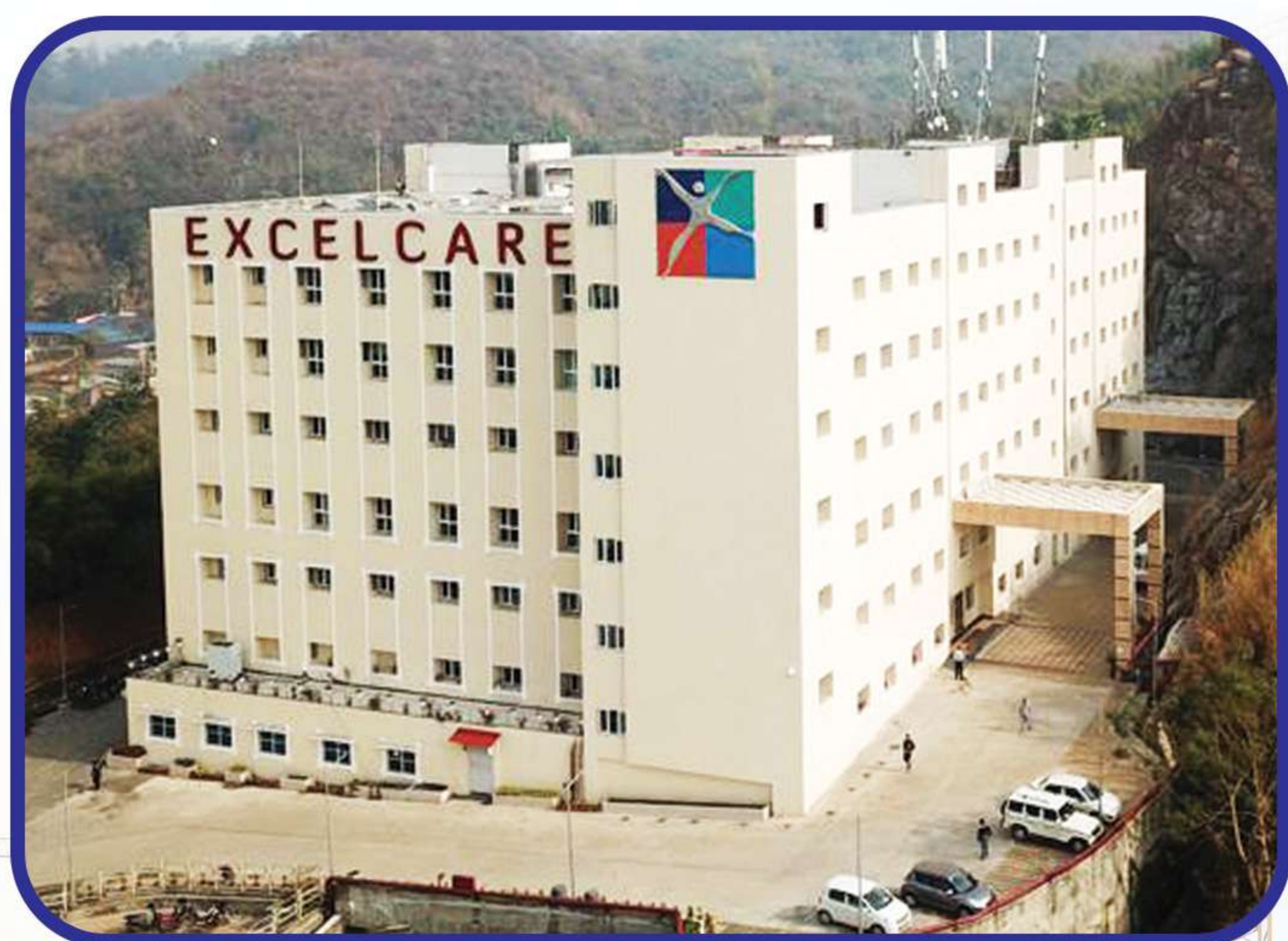
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SOME OF OUR ESTEEMED CUSTOMERS :

- ▶ **Subham Infra (Real Estate Developer), Guwahati**
- ▶ **Apollo Excel Care Hospitals, Guwahati**
- ▶ **Native Tree Developers Pvt Ltd (Real Estate Developer), Guwahati**
- ▶ **Delhi Public School, Nagaon**
- ▶ **Prabhat Enterprises, Nagaon (RCC pole manufacturer)**
- ▶ **Various Others**





OUR GROUP COMPANIES

ASBESTOS SHEETS AND FIBRE BOARD MANUFACTURING

The unit is in the name of “Jumbo Roofing and Tiles” and “JRT Industries LLP” manufacturing cement asbestos sheets and fibre boards under the brand of “Jumbo Suraksha” and “Jumbo Greenbuild”

CORRUGATED BOX MANUFACTURING :

The unit is in the name of “Jumbo Paper Products ” manufacturing corrugated boxed for MNCs like Britannia, ITC, Nestle, Godrej etc

TVS 2 WHEELER DEALER

The group is the main dealer of TVS bikes for Guwahati.

D G SETS

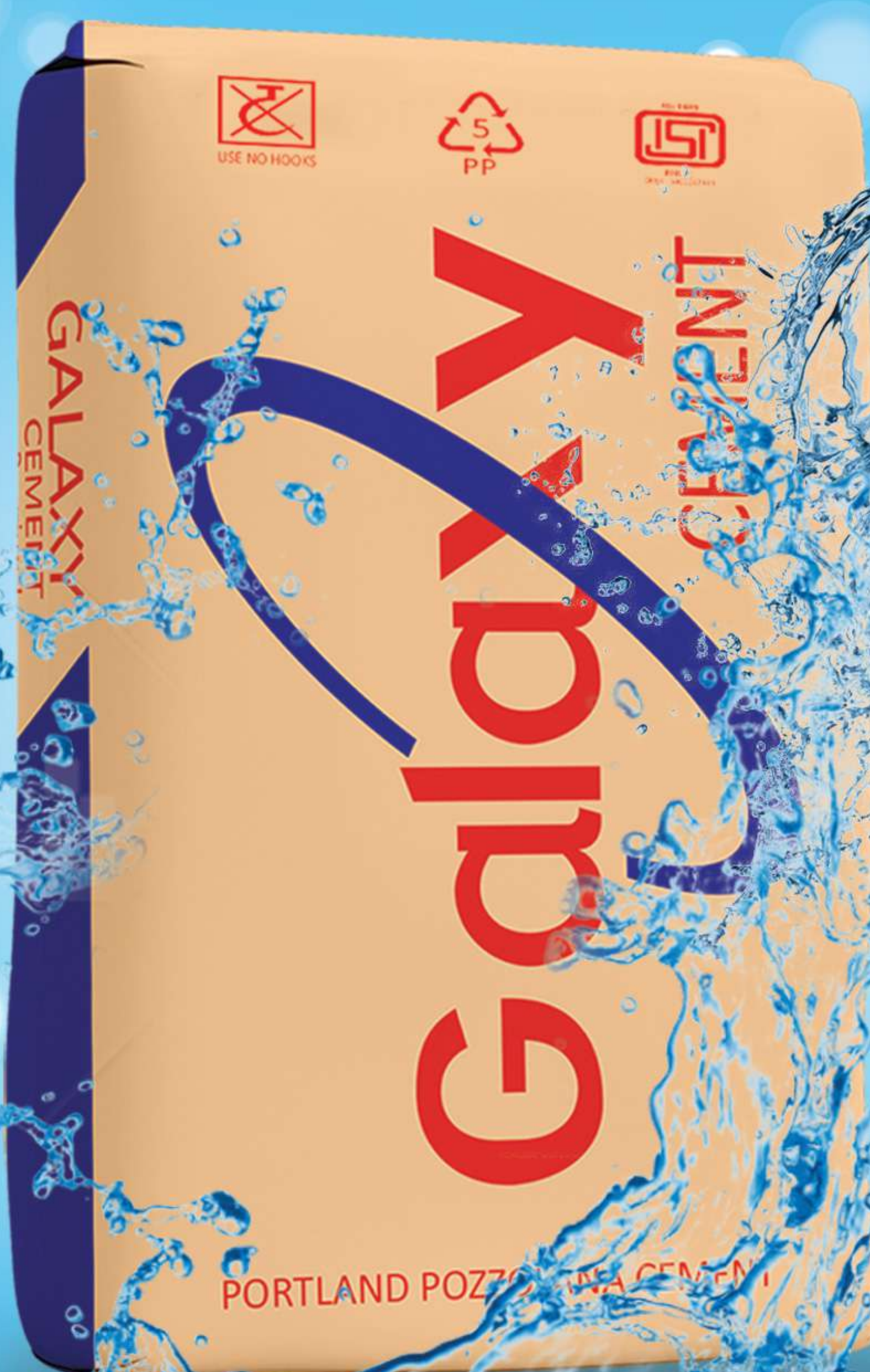
The unit is in the name of “Joyshree Powerol” manufacturing DG Sets for “Mahindra Powerol”. It’s the OEM of “Mahindra Powerol” for North East India.

TEA ESTATE

The unit is in the name of “Radhbari Tea Co Pvt Ltd” manufacturing tea with its factory and garden situated at Badulipar, Golaghat, Assam



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