

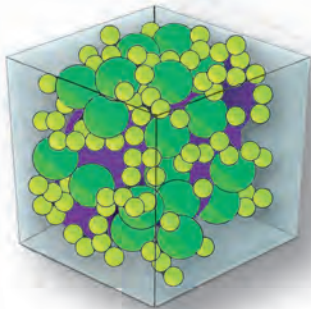
Concrete Design and Construction Practices today are strength driven. Normal cement is used in general purpose works. Modern developed countries & developed cities in India have started using high grade concrete where specialised 63++ grade cement is needed.

With this endeavor we take pride in being the first company in North East to introduce the New Age Cement "SURYA CONCRETEC". This unique product can be used for any critical application that requires the maximum level of strength and durability.

Major Benefits of Surya Concretec:

1. Dense Concrete:

SURYA CONCRETEC is a premium quality specially engineered product where we follow DCM technology. The product enriched with "Hyper Active additives" result in formation of additional binding material (C-S-H Gel) which helps to increase the inter bonding between particles and a 'DENSE CONCRETE MATRIX' is formed. This completes the hydration process and eliminates all the possibilities of free lime present in the resultant concrete. The additional C-S-H Gel fills all the micro pores which in turn improve the performance and durability of the Concrete.

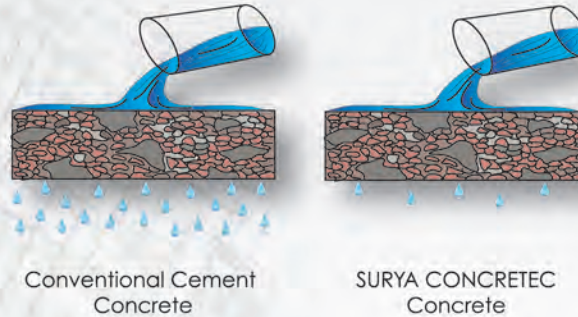


Internal View of Concrete with DCM Technology



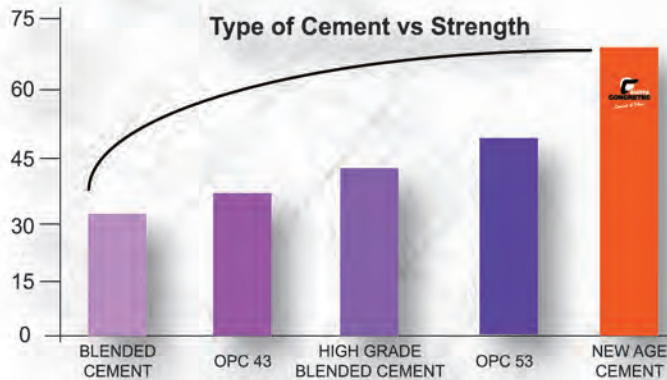
2. Water Resistance:

Durability of concrete is directly related to its permeability. DCM Technology based concrete reduces permeability, automatically resists to any aggressive water & chemical to get inside the concrete that can cause damage. This increases the life of the concrete structure and make it water resistant & leakage proof.



3. Power strength 63+ :

Surya Concretec is a technically advanced product with a consistent 28 days comprehensive strength of the order of 63+ MPa when tested under standard BIS approved laboratories.



Dense Concrete | Water Resistance | Power 63+



Other Benefits of Surya Concretec:

4 High Early Strength:

The concrete gains higher early strength due to rapid setting.

5 Easy Workability:

The concrete produced by SURYA CONCRETEC requires less water for mixing & the same workability can be obtained even at low water cement ratio.

6 Protection from Sulphur & Chloride:

SURYA CONCRETEC produces almost impermeable Concrete which protects reinforcement from Corrosion & increases durability of the Concrete. So it is most suitable for Piling & Foundation jobs.

7 Enhanced Mechanical Properties:

The increase in Modulus of Elasticity helps the Concrete to sustain Seismic loads effectively and this is an additional advantage in High Seismic Zone areas like North East India.

8 Longevity of Structure:

A house is built for the Generations & the inherent properties of SURYA CONCRETEC enables not only a dense & water tight concrete, simultaneously it gives a 3D Protection to the house against harmful chemicals & Pollutants and ultimately add to the life of the structure & makes it weatherproof & long lasting for the future generations.

9 Bag quality:

Highest quality of cement deserves the best packaging. SURYA CONCRETEC is the pioneer in NE region which is packed in specially designed ad star bag that is moisture resistant & pilferage proof.



Technical Services:

Our Service Engineers:

The Surya Technical team consisting of 12 qualified civil engineers having good exposure in cement industry, is dedicated to render site services during pre or post construction phases. The team is well equipped with Rebound Hammer & other equipments all across the state, for in-situ tests in front of customer.

Rebound Hammer

Rebound Hammers are used for the non-destructive measurement of the concrete/mortar compressive strength and for the control of the uniform concrete quality and for detecting weak spots. It is a very easy & useful tool for performing tests in any type of RCC construction.



Our Technical Team



Testing with Rebound Hammer

Engineer on Demand

SMS 'TECH' _ 'DISTRICT NAME' _ A/B/C to 8011001577

Our technical person will revert within 1 working date of enquiry.

Note:

- A. Product information.
- B. Construction supervision.
- C. Post construction testing.



ATOOT ASSAM
MY HOME, MY CEMENT

SURYA CONCRETEC
PORTLAND POZZOLONA CEMENT
(FLY ASH BASED)
Net Quantity 50kg

DCM
DENSE CONCRETE MATRIX

Cement & More



Purbanchal Cement Ltd.

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Regd. Office: Ideal Centre, 6th Floor, 9AJC Bose Road, Kolkata- 700017, West Bengal.
Works: Vill. Sarutari, P.O.-Byrnihat, Via-14th Mile, G.S. Road (N.H.-40), Dist-Kamrup, Assam-793101.
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