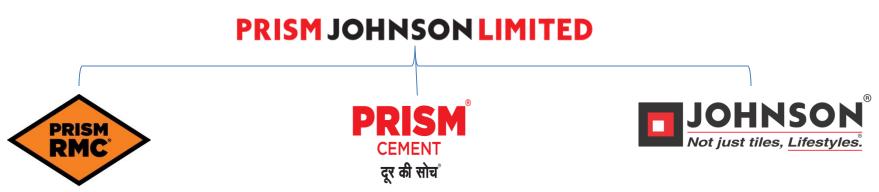


# AMONGST INDIA'S LEADING INTEGRATED BUILDING MATERIALS COMPANY

Sanjeev Kumar Sharma B.E Civil, M Tech ( Str), M.I.E Zonal Head (CSG ) South – 1 Bangalore







**Complete Concrete Solutions** 

Prism JOHNSON Limited is one of India's leading integrated building materials companies

having a wide range of products

# **RAJAN RAHEJA GROUP (40,000 Cr turnover Group)**

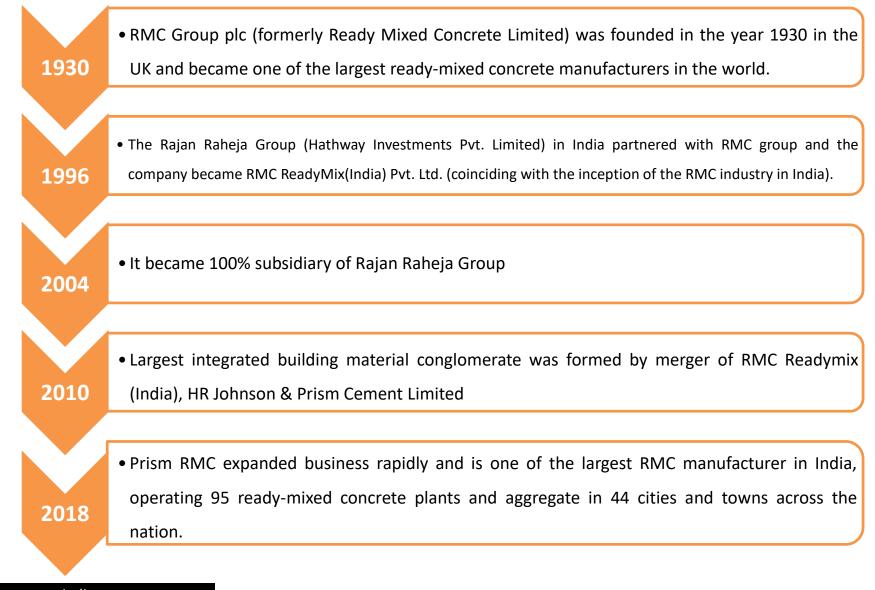


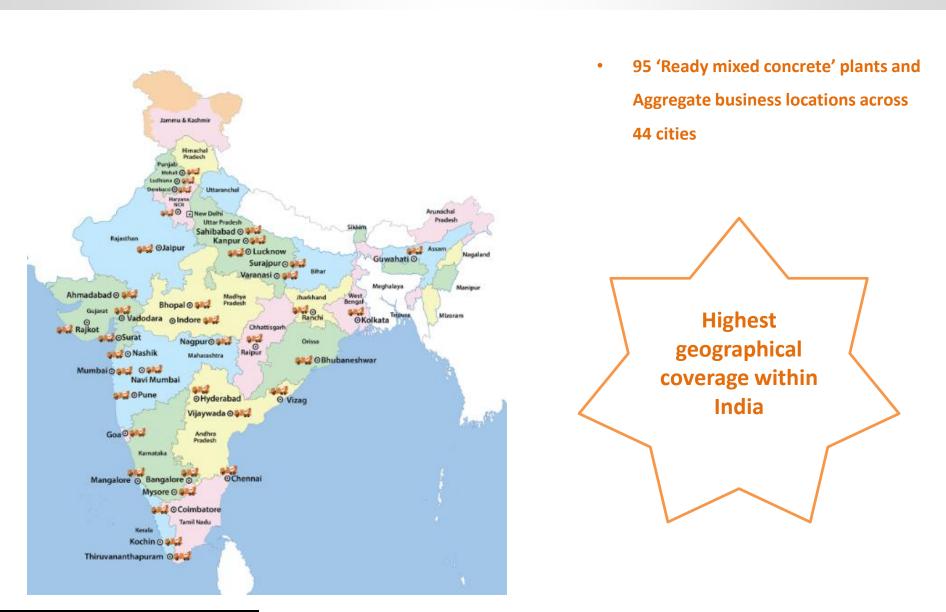




# Prism RMC: heritage > 89 years







PRISM

CEMENT

दूर की सोच

PRISM

RMC

Complete Concrete Solution

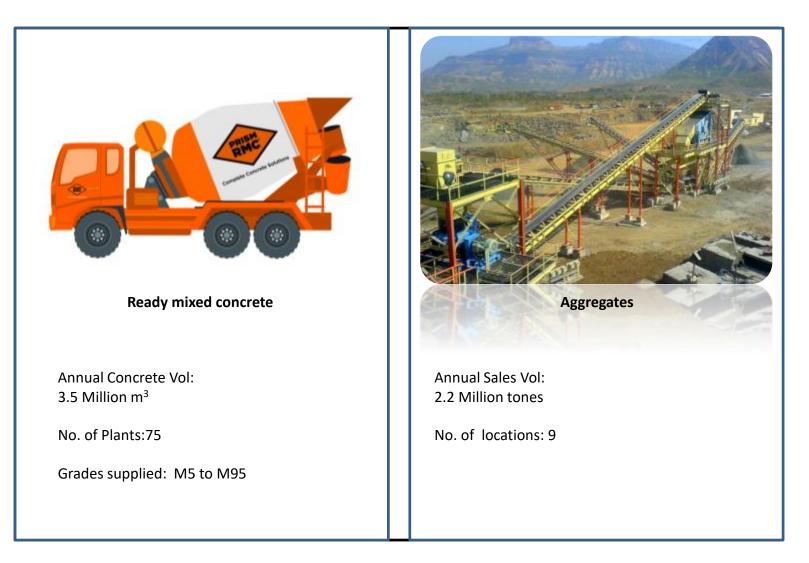
JOHNSON

Not just tiles, Lifestyles

# **RMC (INDIA) DIVISION - Footprint**

# Core Business – Ready Mix Concrete & Allied Services





# "Diversified and sustainable business"





# "Complete quality checks translating into enhanced customer trust"





Glimpses of plant based labs across India

# "Complete quality checks translating into enhanced customer trust"

PRISM CEMENT कू की सोय





# **NABL** certification

Testing & Calibration

# Advantages:

Laboratories) accredited

our four labs

- 1. Increased confidence in Testing/ Calibration Reports issued by the laboratory.
- Savings in terms of time and money due to reduction or elimination of the need for re-testing of products.
- Enhanced customer confidence and satisfaction as they are well aware of the Quality Assurance System and the technical competence of the laboratories.
   *"Complete quality checks translating into enhanced customer trust"*





QCI (Quality Council of India) certified our 31 locations across India for adherence to quality in operations and processes of

**RMC** Plants.

# **QCI** certification

# Advantages:

# For Owners and Specifiers (architects, consultants)

- Third-party quality assurance from an independent agency, based on well-defined quality norms evolved by experts
- Reliable Tool for short-listing of concrete producers

# Small Customer (e.g. individual house builder)

- Assurance on quality and durability of concrete as per global standards
- Convenience and Peace of mind

# **Concrete Industry**

• Raise the industry standard at international level

# "Complete quality checks translating into enhanced customer trust"







# **QCI** certification

"Complete quality checks translating into enhanced customer trust"





Aquaresistcrete™	A	q	Jar	esi	isto	cre	te™
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It is an exclusive waterproofing concrete. It contains a specially formulated admixture that makes it "Water Tight".

#### Application

1. Basements

- 2. Retaining walls
- 3. Swimming Pools

#### **Advantages**

- 1. Keeps water in or out as required
- 2. Cost effective
- Properties remain intact even after surface is damaged.

# **Coastcrete**<sup>®</sup>

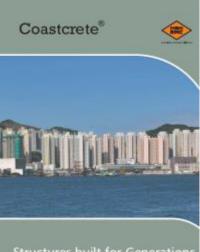
It is designed to withstand the extreme coastal environment which demands the concrete to be highly impermeable and with a good microstructure.

# Application

- 1. Marine Structures
- 2. Sewage Treatment
  - Plants
- Structures near
  Coastline

#### Advantages

- 1. Corrosion Resistant
- 2. Highly Impermeable
- Resistant against
  Chlorides & Sulphates.



#### Structures built for Generations





### Dyecrete®

It comprises an eye-catching array of concrete that are suitable for a wide variety of architectural & decorative applications.

#### Application

- Pedestrian walkways, footpaths & cycle tracks.
- Flooring for parking areas, basements etc.
- 3. Artistic precast panels &
  - products

### **Advantages**

- Assortment of striking visual effects.
- Smart color options and durable surface
- 3. Easy & Fast Installation

# Easycrete®

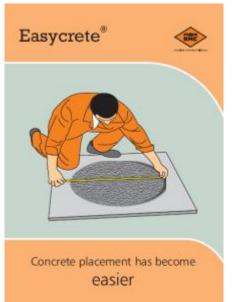
Its unique free flow ability enables it to easily spread and fill every nook & corner of the formwork. It has high resistance to segregation.

# Application

- In RCC Members with heavy and congested reinforcement.
- RCC elements of intricate 2. & complicated shape and design.
- Retaining walls, raft,
  footing and pile foundations.

#### Advantages

- Better quality in terms of surface finish, no voids ,honeycombs etc.
  - Better mould ability
- Better progress & speedy construction







#### Elitecrete™

It is a light weight concrete with densities varying from 800 to 1800 kg/m  $^3$  .

#### Application

- 1. As an insulating material for roofs, floors and electrical cables.
- 2. Construction of Partition Walls.
- Low Strength filler material for a variety of applications.

### **Advantages**

2.

- 1. Excellent Thermal & Sound Insulation.
  - Reduction in Structural Dead Load.
- 3. Excellent fire resistance.

### Envirocrete®

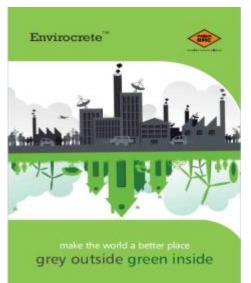
It is a High Performance and Sustainable Concrete designed to offer current and future environmental objectives i.e. high durability & low environmental impact.

# Application

- 1. Mass Foundations
- 2. Concrete Pavements
- 3. Underground Structures

### **Advantages**

- 1. Sustainable & Durable.
- 2. Continued Strength gain upto later ages.
  - Low Heat of Hydration.



"Range of innovative concrete solutions to serve every need"

3.





Freedom from rapid Wear & tear

# FRCcrete®

It is a concrete containing fibrous material which increases its structural integrity. Fibers include steel fibers, glass fibers and synthetic fibers.

#### Application

- All building terrace slabs to mitigate plastic shrinkage cracking.
- Heavy traffic wearing surfaces such as warehouse etc.
- 3. Concrete road, beams.

#### **Advantages**

- Reduced plastic settlement and shrinkage cracking.
- Reduced material and labor cost as steel reinforcement is not required for ground supported slabs.
- 3. Increased durability.

### **Foundationcrete**<sup>™</sup>

It is a special concrete that makes foundation stronger and durable. It is characterized by high performance & high durability acquired through higher than normal replacements of OPC with PFA and/or GGBS.

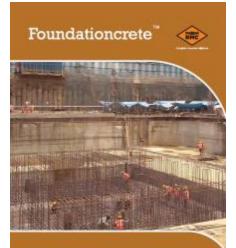
# Application

- 1. Footings of all shapes and 1. sizes.
- 2. Foundations of all types.
- 3. Underground soil supported structures.

### Advantages

2.

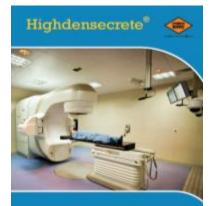
- Continued strength gain up to later ages.
- Superior concrete performance in aggressive environments.
- 3. Low heat of hydration, hence mitigates cracking.



Foundations need to from the linux of appreciative anticonverse; obtained a solubities and a finess chemically present in the valuation may impress into the momenta, eventually comparationing in duratility. Mainzaver, foundations get endedded in the ground and are non analytic for financeit inspections, mente, making their leap form durading becames antical.

#### "Range of innovative concrete solutions to serve every need"





Acts as a silent guardian

### Highdensecrete®

It is a specially designed heavy weight concrete with a density of more than 2600kg/m<sup>3</sup> and can be used to protect and shield places with greater risk of radiation.

#### Application

- Radiation shielding in nuclear power plants and radiation therapy units in hospitals.
- 2. Ballasts in offshore locations.
- 3. Bridge Construction

#### **Advantages**

- 1. Excellent Radiation Shielding
- 2. Negative Buoyancy.
- 3. Sound and Vibration Attenuation.

# Megacrete®

It enables designers to conjure high strength structural members with least possible dimensions.

### Application

- 1. RCC Columns and Beams in high rise buildings.
- 2. Columns, beams and girders for mega-urban infra projects.
- 3. Precast structural elements.

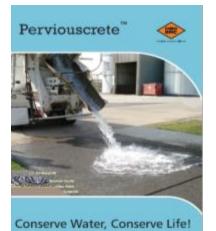
#### Advantages

- 1. Jumbo Strength and Dense Concrete.
- 2. Supports High-rise Construction.
- 3. Increased floor space availability.



Megacrete<sup>®</sup> Breaking the height barrier





#### Perviouscrete™

It is a special category of <sup>1.</sup> modified concrete that permits rainwater runoff to <sup>2.</sup> percolate through it rather than flood surrounding areas <sup>3.</sup> or storm water drains.

### Application

- 1. Car parking (only for light motor vehicles)
- 2. Rainwater harvesting in Housing Societies.
  - Play grounds.

# **Advantages**

- 1. Recharges ground water.
- 2. Rain water harvesting.
- Solves water logging on concrete surfaces during heavy rains.

# **Portacrete**<sup>®</sup>

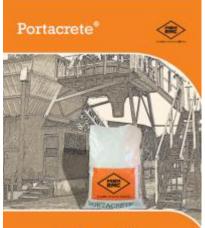
It is a tailor made concrete that is available in easy to handle small consignments. The concrete is engineered to retain the consistency and cohesiveness of the mix for a longer period.

# Application

- 1. Repair / renovation work in houses and buildings.
- 2. Interior works in occupied buildings.
- Slender columns and starters for coloums and retaining walls.

# Advantages

- Quality assured ready mixed concrete available in various grades.
- 2. Available in small quantities.
- 3. Can be safely transported to remote places.



Ready to deliver at your doorstep





### Thermocrete®

It is chilled concrete that responds to the technical requirements of concrete temperature.

#### Application

- Massive Raft Foundations 1. & Deep Beams.
- 2. Bridge Foundations & Piers.
- 3. Large Retaining Walls.

#### **Advantages**

- Controls the temperature differential between the core & surface of concrete.
- 2. Controls Early setting & Stiffening.
- 3. Reduces Plastic Shrinkage Cracks.

### Xpresscrete™

It is a range of Early-Strength concrete which speeds up construction by allowing subsequent activities to be taken up earlier.

# Application

- 1. Precast Beams & Panels.
- 2. Pavement & Trafficked Roads.
- 3. Concrete casting using Aluform systems.

# Advantages

- Increased productivity through quicker removal of formwork.
- 2. Accelerates Critical sections of Construction Process.
- 3. Structure can be put to intended use earlier.



Express Strength! Express Savings!!



# For 'Individual House Builders'



"Adding value to every Customer's requirement"



# For 'Residential Projects'



"Adding value to every Customer's requirement"



# *For 'Commercial Projects'*



Foundationcrete™

"Adding value to every Customer's requirement"



# For 'Infrastructure'



"Adding value to every Customer's requirement"















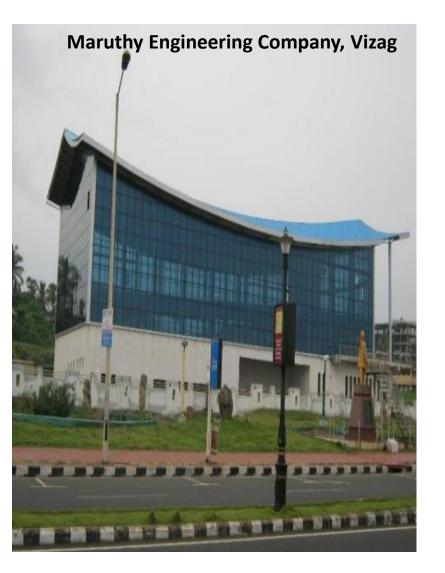
**ONGC-** Bullet proof & earthquake proof compound wall, Surat











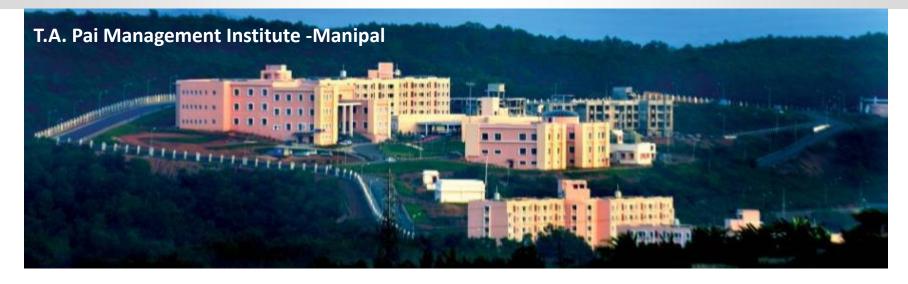














**Customers Speak** 





"Don't just take our words for it, Our customers say it best"

# **Customers Speak**





"Don't just take our words for it, Our customers say it best"

# **Customers Speak**



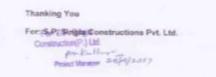
S. P. Singla Constructions Pvt. Ltd. Building Infrastructure for fature Building Infrastructure for fature

#### Certificate of Appreciation

This Certificate in annualed to RMC Readymic India (A Division of Prion Concert Ltd) In recognition of your outstanding contribution in terms of basevation, Dedication &Team work, in making the Cable Stay Bridge at Komila Park, A Unique Bridge Structure of Bospal.

The Supplies made were professionally very well managed with appropriate quality control to our entire satisfaction. They are fully equipped with state of part manifacturing unit, delivery system & executional control. Product & Execution was up to our fallest satisfaction.

 We wish Good luck to RMC Readymic India (4 Division of Print Cement Ltd) for future supplies.





#### (Established and managed by the National Health & Education Society)

VEER SAVARKAR MARC, MANN, MJMBAI - 400 516, INDIA PHONE : 2445 1515, 2945 2222, 2444 0100 FAX : 2444 0151

& MEDICAL RESEARCH CENTRE

Ref. No. HNH/PRO/11/01

Date: 23rd November, 2015

To,

The Manager (Business), RMC Readymix (India) [A Division of Prism Cement Limited] Mumbal Region

#### Subject: Supply of High density concrete for the walls meant for radiation shielding at our hospital at Mahim, Mumbai.

#### Dear Sir,

We would like to place on record that M/s RMC Readymix (Indis) [A Division of Prism Cement Limited] has successfully supplied us the above mentioned concrete under their trademarked name of Highdensecrete\*\*3500 through our Civi Contractor M/s. AMI Construction. As against our concrete density requirement of 3500 kg/cum., we had actually achieved a density of 3.600 kg/cum, at site.

We would like to thank the entire RMC India team for all their major and minor contributions for the same. We are happy with the professional and quality conacious approach, including the un-paralleled teamwork exhibited by this team.

Thunking You All once Again!!

Regards.

Cat Sunil Dahpe Sr. Manager - Projects

#### "Don't just take our words for it, Our customers say it best"



