



READY MIX CONCRETE



MARMOPEDIA
BUILDING MATERIALS



JALLAN
CONCRETE
YOUR CONCRETE SOLUTION

A leading player in the ready-mix concrete sector, Marmopedia provides various ready mix concrete (RMC) products. Having commenced its operations in 2013, Marmopedia is among the first few entrants into Mumbai's ready mix concrete industry. Our clientele ranges construction companies, real estate developers, contractors, infrastructure companies, industrial projects, commercial projects and individual owners. We offer outstanding service combined with trained professional employees. We have manufacturing facilities located in the Mumbai area, providing you with many different types of concrete to choose from. Having multiple associated plants allows us to provide you more than our competitors in the same amount of time. We offer our services to any job large or small, from parking lots to airport terminals, and from runways to high rise buildings.

We operate a network of batching plants, located across Mumbai, which allows us to reach almost any part of the city. With state-of-the-art expertise in the concrete engineering industry, we provide a wide range of services, including technical analysis as well as guidance on concrete types and solutions. Striving for consistent quality, on-time delivery and partnership with trust are our promises to you.

Our Commitment

With a diverse product line-up and skilled technical and customer service operations team, Jallan Concrete is committed to turning your imagination and ideas into reality in the most sustainable way.

Distribution

We understand the complexities and logistics of modern-day construction, and our specialists are well equipped to deliver concrete to you within the committed time. Jallan Concrete operates with a delivery fleet of over 100+ transit mixers with a capacity of 6m³. All trucks are from Stetter with chassis from renowned brands. Our mixers and pumps have the latest GPS technology to ensure on-time delivery and efficient fleet management.

Lab Setup (Quality Control & Development)

The laboratories at Jallan Concrete consistently formulate and test the desired concrete mixes to ensure quality and consistency. Our

well-equipped laboratories at every plant location produce concrete mixes of various grades as per established procedures to comply with BIS specifications.

Raw Materials Quality Acceptance

Raw materials reports have to be produced as documents to support the quality. Verification of the quality will require internal testing of pre-evaluation and submit sample materials. Approval will require an assessment and comparison of current material quality with the results of the test. After acceptance, the material will be used in small-scale trials and large-scale plant trials before concrete production.

- All raw materials will undergo a strict pre-testing regimen to confirm compliance with the prevailing standards or local administrative orders issued by respective authorities.
- Aggregates will be checked at the delivery point before discharging into a shaded stockpile area. Any visual disparity will be reported, and the technician will do a spot test before rejecting or accepting. Consistent internal testing (Dust Content, Gradation, Moisture Content, Elongation, Flakiness, Specific Gravity and Water Absorption) is followed so that the quality of the material is maintained at all times.
- Water is supplied from the approved source only.
- Cement and other cementitious materials are to be sealed with manufacturer/mill certificate for acceptance of the order.
- Chemical admixtures will be tested in the laboratory for density, total dissolved solids and pH levels.
- All raw materials will be tested in an autonomous laboratory as per the existing standard requirements.

Jallan Concrete's Quality Certified Facility

QCI has established RMC Plant Certification Scheme in the country to assure quality in operations and processes of RMC plants. This scheme has laid down the requirements on plant and equipment, key personnel, concrete mix design, production, testing facilities, control on the quality of concrete ingredients, final product, delivery, control and maintenance of process control equipment etc. which the RMC plant must comply to get certified under the scheme; we are proud to say that many of our tie-up plants are

already QCI certified and for some the certification is in process. This allows us to deliver good quality and standardized products consistently.

Production Facility

Jallan Concrete relies heavily on modern-day technology to ensure quality and consistency in products. We only work with plants which are fully automated and make use of well-known equipment and machinery. JCPL's associated plants are equipped with the most technologically advanced state-of-the-art and fully computerized batching units manufactured by Schwing Stetter.

Some of our prerequisites to production are:

- Schwing Stetter Plant 60 cum/hour or more
- Adequate number of Transit Mixers and Pumps
- Well-equipped labs at every location/plant

JCPL's associated plants are equipped with the most technologically advanced state-of-the-art and fully computerized batching plants manufactured by Schwing Stetter. SS has an entirely new concept in concrete batching plant. The mixing efficiency is very high due to the way the mix components are added into the mixer. The mixing efficiency is improved by adding aggregates and cement at opposite ends. Water is added uniformly to the entire mix by a spray system.

We have a total tie-up of 6 batching plants. Once all plants are in operation, the total production capacity of will average up to 440 m³ per hour at any point of time, which is sufficient for any big raft pour.

Specialty Tools Software

All our associated plants are networked for live data sharing and analysis. Our lab systems have the software for quality control data management of mix designs, centralized control monitoring of mix designs, raw material and concrete test results, suppliers for accounting controls for purchase of raw materials sale of concrete and related financial analysis control and reports.

Health, Safety & Environment

Our commitment to safety is a fundamental part of the company ethos. We have a dedicated Safety Officer to establish, implement, maintain and monitor the safety culture and safety management system in every operation of the company.

Jallan Concrete shall ensure that suitable personal protective equipment is provided to employees who may be exposed to risk to their health and safety while at work.

We shall ensure that every workplace shall, as far as reasonably practicable, be made and kept safe.

We shall ensure that suitable and sufficient steps shall be taken to prevent or control the unintended movement of any vehicle.

We understand the importance of maintaining a 'clean, safe and green' environment. We consider that it is our responsibility to do our part in the community to maintain the environment.

RMC Products

- Standard Concrete
- Flow-easy Concrete
- High-Grade Concrete
- Fluidic Cohesive Concrete
- Strong, Ductile Concrete
- Controls Micro-cracks
- Longer Retention Concrete
- Temperature Controlled Concrete
- Early Strength Concrete
- Pump-able Lean Concrete
- Low-Density Concrete

Concrete vs Cement

Many people use the terms "concrete" and "cement" interchangeably, but the two are different products. Cement is a mineral (Powder) that sets and hardens to bind other materials together.

Hydraulic cement, such as Portland Cement, is the most commonly used types. They harden when mixed with water. Other types of hydraulic cement include masonry cement, coloured cement and engineered cement. Ready-mix concrete is a mixture of cement, aggregates, water and admixtures. CEMEX works continuously to develop a wide range of innovative solutions for the uses of concrete.

