



Benefits of Readymix Concrete bought from a Sarma Member

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To start off, we need to ask the question – “What is Readymixed Concrete”?

Readymix concrete is a type of concrete that is manufactured in a factory or batching plant, according to a set recipe, and then delivered to a work site, by truck mounted transit mixers. This results in a precise mixture allowing specialty concrete mixtures to be developed and implemented on construction sites.

Readymix concrete is sometimes preferred over on-site concrete mixing because of the precision of the mixture and reduced work site confusion. However, using a pre-determined concrete mixture reduces flexibility, both in the supply chain and in the actual components of the concrete.

Advantages of Readymix Concrete over Site mix Concrete

- The plants are located in areas zoned for industrial use, and yet the delivery trucks can service residential districts or inner cities.
- Better quality concrete is produced.
- Elimination of storage space for basic materials at site.
- Elimination of procurement / hiring of plant and machinery.
- Wastage of basic materials is avoided.
- Labour associated with production of concrete is eliminated.
- Time required is greatly reduced.
- Noise and dust pollution at site is reduced.
- Reduce cost.

and others:

- Quality assured concrete: - Concrete is produced under controlled conditions using consistent quality of raw material.
- High speed of construction – Speed of construction can be very fast in case RMC is used. It has come to notice that RMC was used in MSRDC flyovers in Mumbai wherein 25 piles (200m³) were cast in one day. Similarly, deck slabs of 370m³ were cast in one day and the projects are being completed 3 – 5 months ahead of schedule.
- Versatility in uses and methods of placing: The mix design of the concrete can be tailor made to suit the placing methods of the contractor.
- Timely deliveries in large as well as small pours.
- No need for space for storing the materials like coarse and fine aggregate, cement, water and admixtures.
- No delay due to site based batching plant erection/dismantling; no equipment to hire; no depreciation of costs.
- Reduced noise and air pollution; less consumption of petrol and diesel and less time loss to business.

SARMA – HOW TO USE READYMIX CONCRETE

From the above we can see that readymixed concrete plays an important role in the lives of modern man.

Where would we be without readymix concrete, probably still living in caves? The invention of readymix concrete has greatly simplified construction projects of all types and sizes. In granddaddy's day you have to have all your materials delivered to the job site separately. Then you had to store them, and keep them dry until you were ready to use them for your project. Then the wind picks up, and the sand is blowing down the street, what a nightmare.

The invention of readymix concrete was like a dream come true, for the average homeowner, and general contractor both. The mixing by hand of Portland cement, sharp sand, and aggregate was like alchemy. You mix up a batch and see what you come up with, was that one shovel of Portland or was it two? Getting the mixture wrong could leave you with a product that was unusable for your job. Readymix simplified the process tremendously, now you only had to worry about adding the correct amount of water.



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