STRENGTH | QUALITY | DURABILITY

Geomix®
CONCRETE

TALIPARAMBA
75 111 50 555

KOOTHUPARAMBA
70 25 09 09 09

PANAMARAM
70 25 34 56 78

Visit us @ www.geomix.co.in

Geomix®
CONCRETE

Visiting card of Sales Consultant

Visiting card of Sales Manager

Kannur Airport Project

Who Are We

Geomix concrete is a leading manufacturer and supplier of ready mix concrete (RMC) catering the concrete requirements all over Kannur, Vadakara, Wayanad and some parts of Kasaragod and Kozhikode.

What is Ready- Mix concrete (RMC)

RMC is ready to use concrete that is manufactured at a factory or batching plant, according to a set recipe (or as per the client specification) and then delivered to the worksites by truck mounted mixers(Transit mixer)

RMC is often preferred over on-site concrete mixing because of the precision and quality of the mix, reduction of onsite confusion and expenses and a high versatility in usage due to various placing methods

Geomix concrete ensures quality of concrete mix, by passing the concrete samples through various tests in a well-equipped laboratory. We assure customer satisfaction by providing finest quality, accurate quantity and uninterrupted delivery.

SAVINGS ACCURED THROUGH Geomix

Wastage in Site Mixing: Cement spillage, Shortages in quantity of aggregate and sand during delivery, storage and mixing at site, leftover aggregates after completion of concreting results in approx 5-7% wastage.	All these wastage are avoided with GeoMix as it takes care of all ingredients and the ready-to-use product is delivered at the site.
Wastage of concrete during handling: Spillage during transporting from the mixer to the point of placing is unavoidable and results in approx 0.5-0.7% wastage.	Geomix facilitates pumping of concrete to the point of placing and hence there is no wastage due to spillage etc. The leftover concrete in pump-hopper can be used for site casting.
Manpower Saving: For proportioning, mixing, transportation, placing, compaction and finishing a lot of manpower is required. The manpower increases with the increase in the number of floors.	Geomix requires minimal manpower (for compaction and finishing only). Manpower and infrastructure requirement will be the same irrespective of the number of floors.
Time Saving: A lot of time required for concreting operations and the output is very low (2-3 m3/hr), thus prolonging construction time.	Geomix delivers large quantities of concrete through transit at short intervals, increasing the output manifold (15-20 m3/hr), thus reducing construction time considerably.
Space Saving: Site mix concrete consumes lots of space to store cement, aggregates, sand, water, mixing equipment etc.	Geomix delivers the ready-to-use product and requires no extra storage space at the site.
Savings in Housekeeping Cost: Site mixing involves cost and time for continuous cleaning and housekeeping operations.	Geomix virtually eliminates all housekeeping and cleaning operations.
Savings in Testing Cost: High cost (20-22/m3) is involved in testing of ingredients as well as concrete in fresh and hardened state.	Geomix takes care of total testing of concrete supplied including raw materials in our own laboratory.
Mixing quality: Site mixing of aggregates includes improper mixing techniques resulting in material loss and inferior quality.	Geomix takes care of the whole process by computer automated mechanisms.

SOUTH INDIA'S FIRST CONCRETE CHILLING PLANT

Why Chilled Concrete is required?

In hot weather countries like India, concrete temperature is an important concern. Quality, Strength and Durability of high performance concrete and mass concrete mainly depend on its temperature from the time of delivery up to the time of curing. Hot weather can lead to many problems in mixing, placing and curing of concrete. American Concrete Institute (ACI) committee 305 defines hot weather concrete as any combination of high ambient temperature, low relative humidity, wind velocity and solar radiation; the affects of any combination of the above can lead to rapid evaporation of moisture, which is the primary cause of plastic shrinkage cracks in concrete.

ADVANTAGES OF TEMPERATURE CONTROLLED CONCRETE:

• REDUCTION OF PLASTIC SHRINKAGE CRACKS • CONTROL THE RATE OF SETTING • REDUCTION IN SLUMP LOSS • DECREASE THE WATER DEMAND • NO NEED FOR EARLY CURING • REDUCTION OF HEAT IN LENGTHY PUMPING CONCRETE • LOW COST COMPARING TO ICE

Geomix®
CONCRETE

PRODUCT INFORMATION

Classification	Grade	Applications
Ordinary	M10	PCC (Plain Cement Concrete) e.g. Leveling course, bedding for footing, concrete roads etc.
	M15	PCC e.g. Leveling course, bedding for footing, concrete roads, etc.
	M20	RCC (Reinforced Cement Concrete) e.g. slabs, beams, columns, footings etc. (for mild exposure)
Standard	M25	RCC (Reinforced Cement Concrete) e.g. slabs, beams, columns, footings etc.
	M30	RCC e.g. slabs, beams, columns, footings etc.
	M35	RCC e.g. slabs, beams, columns, footings etc.
	M40	RCC e.g. Pre-stressed concrete, slabs, beams, columns, footings etc.
	M45	RCC e.g. Runways, Concrete Roads (PQC), Prestressed Concrete Girders, RCC Columns, Spans, Prestressed beams
	M50	RCC e.g. Runways, Concrete Roads (PQC), Prestressed Concrete Girders, RCC Columns, Spans, Prestressed beams
	M55	RCC e.g. Prestressed Concrete Girders and piers
	M60	RCC work where high compressive strength is required such as high rise.
High Strength	M80	RCC work where high compressive strength is required such as high rise buildings, long span bridges, ultra-thin white topping etc. and constructions in aggressive environment e.g. Spillways of dams, Coastal construction.

SPECIAL APPLICATION CONCRETES

Fly Ash Concrete	A percentage of cement is replaced with fly ash	Can be used in light/mild structures such as.. raft foundations, roads, pavements etc.
Early strength concrete	Preferred for its early setting and compressive strength. Is used in construction that requires high initial strength for early form work removal.	
Corrosion Resistant Concrete	Provides protection against corrosion of steel reinforcement. Saves cost involved in providing pre coating to steel bars and concrete surface. Mainly used in pile foundations, foundation for bridges across river/sea, RCC in underground conditions.	
Self Compacting Concrete	High fluidity or viscosity with high load carrying capacity. Enables faster construction, better surface finish, easier placing, no vibration required. Manpower for placement is greatly reduced. Please note: Shuttering should be water tight.	
Fiber Reinforced Concrete	Polypropylene fiber is added to concrete during batching, fibers are dispersed throughout the concrete during the mixing process. Used in heavy industrial floors, bridges, water retaining structure etc. improve concrete's resistance to plastic shrinkage cracking. Increase load bearing capacity of concrete. Can replace steel reinforcement for light/medium RCC slabs resting on ground application.	
Colored Concrete	Wide variety of colors and textures offered. Concrete for parking areas, pavements, foot path, drive ways, gardens etc.	
Water-proof Concrete	Used in terraces, basements, water contact structures etc.	

KANNUR
International Airport

ProudBuildingPartner

#KannurAirport #Geosand

Geosand®

www.geosand.in

koothuparamba: 81 1304 1113
Panoor: 95 4440 0105
Mananthavady: 81 1305 1116

Geomix® CONCRETE

www.geomix.co.in

koothuparamba: 7025 09 09 09
Thaliparamba: 75 11 50 555
Panamaram: 7025 34 5678

റെഡിമിക്സ് കോൺക്രീറ്റ്, കോൺക്രീറ്റ് സാന്റ്, പ്ലാസ്റ്ററിങ്ങ് സാന്റ്, GSB, കറുത്ത ജില്ലി, 12MM എന്നിവ ലഭ്യമാണ്