

عمان مِكْس OMAN MIX

العمانية العالمية للخرسانة الجاهزة
AL OMANIYA INTERNATIONAL READYMIX



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CHAIRMAN MESSAGE

The foundation of OMAN MIX was laid with a vision to provide high-quality "Strong and Durable" Concrete Products to our Customers. Since 2013; OMAN MIX contributed to the development of Oman Infrastructure, and strived to provide better living standards to its customers; which has positioned OMAN MIX as one of the leading Readymix Concrete brands in Oman. Our national youths are the foundation and the future of our nation and we are continuously working under the vision of His Majesty Sultan Haitham bin Tariq to provide better opportunities to our nationals by providing them professional coaching and training. I firmly believe that through joint efforts we can lead our country on the path to success. And with this commitment, we pledge that all our struggles, our endeavours, and our contributions shall be in constant work towards the development and growth of our Nation.

Mr. Abdullah Shatyet Salem Al Wahaibi
Chairman



CEO MESSAGE

Oman Mix works on a customer-centricity business model by providing reliable concrete products. Our goal is to create value for customer investment through high-quality and energy-efficient concrete products and to offer the best customer service experience. Through the process of continuous analysis and augmentation; Oman Mix maintains standards by incorporating strong quality control procedures. I would like to take this opportunity to pledge that I and the Oman Mix team will make every effort to meet & exceed the expectations and needs of our customers.

Mr. Mohammed Ali Al Wahaibi
Chief Executive Officer



OMANMIX IS ONE OF THE LEADING QUALITY BRAND OF CONCRETE PRODUCTS

OMANMIX at Glance

Since 2013, under the leadership of Mr. Abdullah Shatyet Al Wahaibi OMANMIX has positioned itself as one of the leading brand of Readymix Concrete Products. OMANMIX offers high-quality; strong, durable and energy efficient products within Muscat, capital of Sultanate of OMAN. With state-of-art German technology and through the integration of the latest operational systems, we are able to meet any need of any scale through strong quality control procedures. A team with a cumulative experience of 30 years is capable to provide services to Residential, Commercial, Industrial, and Large Infrastructural Projects.- To maintain the high quality standards, OMAN MIX has in-house laboratory to conduct various physical examinations of Concrete and Raw Materials. Furthermore, all crusher materials and sands are produced from OMAN MIX in-house Crusher located in Musannah. Our focus is to provide sustainable and energy efficient concrete products to overall increase the durability and strength of the infrastructure.



OMANMIX VISION AND MISSION



"OMANMIX" To be the leading and reliable supplier of Ready Mix concrete in Sultanate of Oman by continuously enhancing our performance in quality, standard and delivery with all fairness, integrity and respecting the customer demand environment and safety.



OMANMIX CORE VALUES

We believes the following five core value as its business principle:



- We do what we say,
- We do it with respect and accountable for our actions,
- We do it with all fairness and integrity,
- We execute with the speed with prudent risk,
- We are creative and performance driven.



WORKING WITH OMANMIX

1. ISO 9001:2015 Quality Management System Certified in Design, Production & Supply of Ready mix Concrete in Muscat, Sultanate of Oman.
2. 2 batching Plant strategically located in the centre of Muscat with the installed capacity of 240 m³/ hr, an operating capacity reach more than 1000 m³ per shift.
3. In-House Physical and Mechanical testing laboratory, with a team of 4 technicians, headed by a qualified Master engineer.
4. In-house ice plant to supply temperature controlled requirements;
5. Control aggregates through our own Crusher in Masannah;
6. Fleet of 1 Bulk Cement Tanker, 6 Boom Pumps of various sizes and lengths reach to 56 meter and 24 Transit Mixers with the capability to deploy machinery on short notice;
7. Computerised batching system integrated with SAP ERP Software, ensuring mix design specific to customer requirements.
8. Faster and accurate quality control and traceability through Laboratory System integration with SAP ERP System;
9. Batch Plant Operator are well trained with minimum experience of 10 years
10. Advance Dispatch Fleet Management system to increase dispatch efficiency by planning deliveries through geo mapping.
11. A team of skilled technicians specialized in quality control and monitoring concrete quality.
12. A sales team characterized by flexibility, positivity and passion to meet customer needs.
13. A highly skilled and efficient management team with long experience in the field.





RAW MATERIAL

CEMENT

We use Local and International standard OS, BS and ASTM compliance fresh cement to insure high quality cement is used in all our daily production. We prefer to use high quality Omani cement, which is locally made from purely local materials.



AGGREGATES

CRUSHED STONE AND MANUFACTURED SAND

Stones are crushed and ground to produce a variety of sizes of aggregate to fit both 'coarse' and 'fine' specifications in OMANMIX Crusher at Al Massana.

SAND

To provide good work ability naturally occurred sands are used to provide smooth surface structure.



**CONCRETE
CHEMICAL
ADMIXTURE**

High quality admixture are added to the Concrete to increase the cohesion and durability.

OTHER MATERIALS

Other additional materials are added to the concrete according to the client's demand and according to the specifications required in the project, such as flyash, micro silica, insulation materials, fibres and others. We choose the quality of the additives very carefully in terms of source, quality and high performance.





PRODUCTS

1. STANDARD CONCRETE MIXES (PLAIN/RCC)

Standard concrete mixes are suitable for Domestic and Commercial use and the ingredients in any particular mix depends on the nature of the application. Such concrete can usually survive a pressure from about 10 MPa (1450 psi) to 40 MPa (5800 psi), with lighter duty uses such as blinding concrete having a much lower MPa rating than structural concrete. Concrete Grade from C10 to C50 using Ordinary Portland Cement (OPC) or Sulphate Resisting Cement with various water cement ratios. And the minimum concrete strength should be attained at 28 days after curing.

2. HIGH-STRENGTH CONCRETE

High-Strength Concrete are typically used where high compressive loads resistance is required typically used in the erection of high-rise structures and bridges. High-strength concrete has a compressive strength greater than 40 MPa (5800 psi). In the BS EN defines High-Strength concrete as concrete with a compressive strength class higher than C50. High-strength concrete is made by lowering the water-cement (W/C) ratio to 0.35 or lower.





3. DURABLE CONCRETE

Durable Concrete has the ability to resist weathering actions, chemical attack, and abrasion. GGBS (Ground Granulated Blast-furnace Slag) is used to protect structure from Chloride Attacks and to limit the temperature rise in large concrete pours. To reduce thermal cracking caused by heat of cement hydration, Micro Silica is an excellent additive. It also improves the durability and strength. PFA (Pulverised Fuel Ash) reduce the permeability and improve the long term strength.

4. Fibre-Reinforced Concrete

Concrete is very durable, but it can be vulnerable to fractures, due to plastic shrinkage, drying shrinkage or heavy load etc. Fibre Reinforced Concrete is a composite material consisting of fibrous material which increases its structural integrity. They are suitable for Warehouse Floors, Elevated Decks, Walls, Pipes, Pavements, Man-holes, Roads, Bridges, Aircraft Parking, Runaway, Slope Stabilization and etc.

There are different types of Fibre-reinforced concrete

Steel Fibre Reinforced Concrete

Macro synthetic Fibres

Polypropylene Fibre Reinforced (PFR) Concrete

Micro-synthetic Fibres



5. Waterproof Concrete

Waterproof concrete is used for long-lasting, durable watertight construction. To improve concrete resistance, water-resisting admixtures are added depending on the application design. To limit water permeability through the concrete itself.

6. Corrosion Inhibitor Concrete

Corrosion inhibitors enhance the performance in concrete for alleviating deterioration caused by the aggressive chloride exposure conditions. The result is a more durable concrete mixture with increased service life potential

7. Self-Compacting Concrete

Self-Compacting or also called Self-Consolidating concrete is highly free-flow type of concrete that spreads without the need for mechanical vibration and is placed by means of its own weight. This type of concrete is suitable to be used in bridges, pre-cast sections, columns, areas with high concentration of rebar and pipes/conduits, earth retaining sections and etc.



8. Screed Concrete

The Screed Concrete is usually a simple mixture of cement, aggregate and sand which is used to simply layer pre-existing and cured concrete base for the purpose to improve the appearance of pre-existing concrete floor or to complete the addition of underfloor MEP systems resulting in even base.

9. Cellular Lightweight Concrete

Cellular Lightweight Concrete is also known as CLC has several advantages such as being Light Weight, Fire Resistant, Thermal Insulation, Sound Absorption, Termite proof and etc. The foamed concrete is manufactured from mixing of Portland cement, sand, water. The density of the foamed concrete ranges from 400 kg/m³ to 1,800 kg/m³. The lower densities (400 –600 kg/m³): CLC at this range of density are ideal for thermal and sound insulations. The medium densities (800-1000 kg/m³): This density of foamed concrete is attained for manufacturing pre- cast blocks for non-load-bearing work. The high densities (1200kg/m³ to 1800 kg/m³). This is structural- grade material used for Construction of load-bearing walls and ceilings of low rise structures, Formation of partitioning walls, Production of pre-cast blocks for load -bearing work and etc.





10. Concrete Pile

Concrete Pile foundation are normally used for deep foundation, actually a slender column or long cylinder column used to support the structure and move the load to the desired depth by end-bearing or skin friction. Subjected to medium and heavy loads, Concrete Piles can be used practically for every types of foundations.

11. Shotcrete

Shotcrete is a method of applying concrete under air pressure at high velocity with just sufficient quantity of water for hydration for vertical or overhead structures such as underground openings in tunnel, rock slope, excavation foundations, bridge, debris flow, etc.

12. Lean Mix Concrete

Applications where clean and level working surface are required such as to fill voids in the surface of a pavement or earthworks layer, a layer of lean concrete is required to be placed on soil to seal for foundation of walls, or any other structure. Lean Concrete is a mixture where the amount of cement is used less than the amount of liquid present, having high aggregates to cement ratio.

13. Coloured Concrete

Coloured Concrete are used for decorative purposes is a versatile construction material mixed with Colour pigments (such as iron oxides) into the concrete so that the colour is distributed entirely throughout the concrete.



INFRASTRUCTURE

BATCHING PLANT:

The state-of-art German technology, a robust, reliable and high quality batching plants are located strategically in the centre of Muscat with a capacity of Concrete output fresh concrete 240m³ per hour.



Mixer Type	German Plant	Ammann Group
fresh concrete	Experi ence	Twin-shaft compulsory mixer
Max. Concrete	Twin-shaft compulsor mixer	107 – 138 m ³ /h
Mixer volume Active	120 m ³ /h	3 m ³
aggregate stock	3 m ³	105 – 312 m ³
	120 m ³ /h	



CHILLER PLANTS

Two plants to cool the water that using in the concrete to enhance the quality of concrete and increase its strength by maintaining its temperature until it reaches the construction site.



Chiller Water Plant	Snowkey	KTI – Plersch Kaltetechnik
Chilled water production Chiller	120T/24Hr	128 m3/24hr
water Temperature °C	≤1	≤ 1
Storage capacity	50T	90T
Operations	Automatic Fully	Fully Automatic





ICE PLANTS

To enhance the efficiency, durability and quality of concrete, ice is added to it to cool it completely and to control concrete temperature and based to customer requirements.

ICE PLANT
PRODUCTION
CAPACITY
STORAGE CA-
PACITY OPERA-
TIONS



SNOWKEY
43T/24HR
75T/24HR
FULLY AUTOMATIC

BOOM PUMPS & TRANSIT MIXER

Fleet of 6 Boom Pumps of various sizes and lengths up to 56 meter and 24 Transit Mixers with the capability to increase the number of fleet on short notice based on demand by working with our business partners.



OMANMIX QUALITY POLICY

OMANMIX is committed to meet and exceed its customer's requirement through effective process approach. On its endeavor to the same, we are committed to comply with applicable requirements and continual improvement. To meet the above quality policy, measurable quality objectives are set and deployed at functional levels and is reviewed and revised periodically ensuring opportunities for improvement.

OMANMIX HSE POLICY

The effective management of the health, safety and welfare of our workforce and the protection of Oman's environment is an overarching priority for us. Omanmix is committed to the implementation and proper Health and Safety procedures and a safer working environment in which our employees, visitors, customers and suppliers can carry out their activities. We strive to achieve the above by growing together through proper training and communication with our employees, customers and suppliers.



OUR QUALITY REFERENCES

Incorporates the requirements of the following standards:

- ISO 9001:2015 Quality Management System Certified in Design, Production & Supply of Ready Mix Concrete
 - OMANI Concrete Standards
 - ASTM Concrete Standards
 - BS Concrete Standards
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WE UNDERTAKE TO:

- PROVIDE ADEQUATE CONTROL OF THE HEALTH AND SAFETY RISKS ARISING FROM OUR WORK ACTIVITIES;
- ESTABLISH A HSE SYSTEM TO ELIMINATE OR MINIMIZE THE RISK TO EMPLOYEES AND PREVENT ACCIDENTS AND CASES OF WORK RELATED ILLNESSES;
- IMPLEMENT AND MAINTAIN THE CONTINUAL IMPROVEMENT OF HSE MANAGEMENT SYSTEM;
- COMMIT TO COMPLY WITH CURRENT APPLICABLE NATIONAL AND INTERNATIONAL HSE LEGISLATIONS;
- COMMUNICATE TO ALL EMPLOYEES WITH THE INTENT THAT EMPLOYEES ARE MADE AWARE OF THEIR INDIVIDUAL HSE OBLIGATION SUCH THAT EACH EMPLOYEE CARRIES-OUT THEIR DUTY WITH PRECAUTIONARY MEASURES;
- REDUCING CUSTOMER COMPLAINTS BY EFFECTIVE EXTERNAL COMMUNICATION SYSTEMS;
- REVIEW OUR SAFETY POLICY PERIODICALLY TO ENSURE THAT IT REMAINS RELEVANT AND APPROPRIATE TO THE COMPANY;

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