



AL-MABROOKA CEMENT

AL-MABROOKA PRODUCTS



MABROOKA 42.5 R (OPC)

COMPOSITION

AL-MABROOKA (OPC) is a Portland cement for civil engineering, building applications, ready-mixed concrete and concrete products where high performance/strength is needed, complies with Iraqi standard IQ.S 5:2019 CEM I and European standard EN 197-1:2015 CEM I. Its use is necessary for concrete applications that require high performance and endurance.



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AREA OF APPLICATION

High performance concrete.

High durability and performance concrete.

Building bridges and skyscrapers.

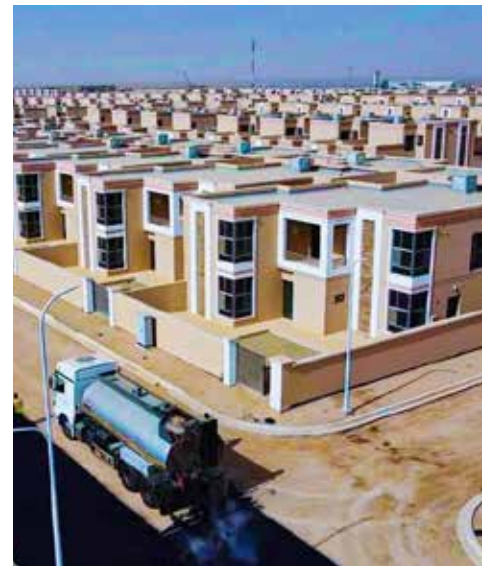
Reinforced and ready concrete.

ADVANTAGES

- High rate of early strength development.
- Higher durability of concrete structure due to less permeability.
- Greater resistance towards leakages.
- Better workability.
- Due to its fineness, AL-MABROOKA has better cohesion with aggregates and delivers a more dense concrete
- Improves block makers' productivity with reduced de-molding time

DELIVERY

AL-MABROOKA is supplied exclusively as bulk goods in "bags".



GENERAL RECOMMENDATIONS

Water

In general, the more water used for a given quantity of cement, the more porous and thus the weaker the resulting concrete will be. It is therefore important to use the minimum amount of water required to make the mix workable in order to obtain a strong and durable hardened concrete. Make sure to use clean water for mixing, watering and spraying.

Mixing

It is better to mix the constituents in a fully automatic batching plant. For non-automated concrete production (hand mixing or mixing by portable mixers), accurate measurement of all ingredients with a suitable container (wheelbarrow or bucket) is essential. Materials should be mixed until a uniform color is obtained. Avoid adding too much water.

Curing

Concrete or plaster should be watered for a period no less than 3 days to prevent cracking and to ensure strength development. In hot weather, concrete or plaster should be watered for 7 days. Following the placement, horizontal concrete surfaces should be sprayed gently with water, be cured by pulverized agents or protected with plastic (or wet hessian) sheets in order to prevent drying shrinkage and water evaporation.

Storage

Bulk cement should be stored in damp-proof silos.

Health and Safety

Cement and concrete may cause skin irritation. During any application, the use of gloves and eye glasses is highly recommended. In the event cement touches the eyes or bare skin, the affected area should be thoroughly rinsed with free-flowing water. If necessary, seek medical assistance.



TECHNICAL SUPPORT:

Al-Mabrooka has an integrated technical and consulting services supporting all concrete operations and construction projects to all of our valued customers.

CUSTOMER SERVICES:

24/7 available for approving created sales orders, follow up of shipment dispatching. The company dispatches both bulk and bagged cement to all Basra areas.