



Mateen - CEM II/A-L 42.5 R

General Purpose Cement

Mateen, Portland limestone cement, produced using sustainable cement technology and according to the industrial license number 3868 and 3947, which complies with European standard EN 197-1:2011.



Properties / Advantages:

- Environmentally friendly.
 - Less CO2 emission.
- Improved concrete workability.
 - Less bleeding.
- Compatible with admixtures and pigments. Trial mixes are recommended to determine the optimum mix proportions.
- Convenient for finishing application:
 - Less wastages rate: Superior adherence to surface.
 - Higher workability and easier application for plastering.
 - Smooth finishing (improved surface quality).
- Improved durability
 - Includes mineral additives that increase concrete durability in addition to low chloride contents protects steel rebar in concrete from corrosion.
 - Improved concrete impermeability.
 - Better resistance to concrete cracking.



Application:

- All construction types (residential, industrial, commercial...etc.)
- Pre-cast concrete
- Reinforced concrete elements
- Concrete block
- Concrete Pipes
- General masonry works
- bricklaying mortar
- plastering
- Screed



Health and Safety

Cement and concrete may cause skin irritation. During any application, wearing gloves and eye glasses is highly recommended. In case cement touches the eye or bare skin, the area should be thoroughly rinsed with free flowing water and medical assistance should be provided when necessary



Storage:

Bulk cement should be stored in damp-proof silos



General Recommendations:

- All concrete ingredients (cement, aggregates, mixing water & admixtures) should comply with relevant standards.
- Water: In general, the more water used for a given quantity of cement, the more porous thus weaker the concrete will be. Therefore, it is important to use less water required to make the mix workable in order to obtain a strong and durable concrete.
- Mixing Process: a better mixture will be prepared in a ready mix plant. However, it's important to measure the quantity of each concrete ingredient for hand mix concrete using a wheelbarrow or bucket. Mix the material until a homogenous mixture is obtained, and avoid adding extra water.
- Curing: Concrete or plaster should be cured for at least 7 days to prevent cracking and to ensure strength development.

Availability

Available in bulk





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