LOW STRENGTH CONCRETE

Amc



Low Strenght Concrete is made of cement, high quality aggregates and last generation additives. These components guarantee a good performance fulfilling the requirements of the client. This type of mix is mainly used as a filling material and a substitute of the ground where a construction will be placed.

TECHNICAL SPECIFICATIONS

- Maximum size of the aggregate: 38 mm.
- Nominal maximum size of the aggregate: 25 mm.
- Compressive strength: 80 kg/cm2 130 kg/cm2.
- Pozzolana hydraulic cement (MPa type).

USES

The Low Strenght Concretehas been designed to be used in substitutions of the ground where poor geotechnical properties are detected in the area. It is used to fill up spaces with better geotechnical properties material that should be placed and compacted following the technical specifications. It is applied in construction works such as: houses, buildings, highways, railroads, among others.

PLACEMENT

• Direct discharge

ADVANTAGES

- Eco-friendly concrete.
- Specialized advising in the concrete technology.
- Strict quality control.
- High quality materials.
- Automatic dosing system.



Mix concrete component materials comply with all the corresponding regulations.

- MP/A cement complies with the 479:2015 Technical Regulations of Hydraulic Cement (RTCR, acronym in Spanish).
- River aggregates comply with the ASTM C33 International Regulation.
- Clean water complies with the requirements of the ASTM C94 International

QUALITY CONTROL

The development and research laboratory of AMCO has technicians certified by the ACI (American Concrete Institute). Therefore, different tests are executed correctly guaranteeing reliable results.

Daily, random samples are taken from the different types of concrete and cylindrical compression and beam flexural tests are conducted for internal control. Monitoring and quality control of the concrete is maintained to provide the customer with the desired product.

SUGGESTIONS

AMCO guarantees the delivery of Low Strenght Concretein ideal conditions. It reaches compressive strength at 28 days old. Do not alter the product with water or any other substance.

It is recommended to classify and technically treat the Low Strenght Concrete as a limit mixture between an improved ground and a very poor concrete (low cement content).





