

PERMEABLE CONCRETE



DESCRIPTION

The Permeable 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 concrete shows its permeable capability through a matrix with a greater amount of porosity and internal ducts that allow fluids to pass directly through it.

TECHNICAL SPECIFICATIONS

- Maximum size of the aggregate: 12.5 mm.
- Nominal maximum size of the aggregate: 9.5 mm.
- Compressive strength: 105 kg/cm² - 175 kg/cm².
- Pozzolana hydraulic cement (MP/A type).

USES

The Permeable Concrete has been designed to allow the passage of rainwater avoiding runoff and allowing the drainage until the substratum. It is usually used in sidewalks, parking areas with light traffic, among others.

PLACEMENT

- Direct discharge

ADVANTAGES

- Eco-friendly concrete.
- Specialized advising in the concrete technology.
- Strict quality control.
- High quality materials.
- Automatic dosing system.
- Saving in the rainwater drainage system.
- The passage of water to the subsoil is allowed.

PROPERTIES

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.
- Plasticizers and retarding admixtures satisfy the ASTM C94 International Regulations.
- Clean water complies with the requirements of the ASTM C94 International Regulations.

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 12 mm concrete in ideal conditions. It reaches compressive strength at 28 days old. Do not alter the product with water or any other substance.

The maximum concrete unloading time is one hour since it arrives at the place. For this reason, the client should plan the correct logistic to meet this requirement.



Awarded by the Bandera Azul Ecológica program
for our efforts in environmental impact reduction.

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