



Technical Data

Physical state:
powder

Colour:
dark

Main chemical action:
viscosifier and waterproofer for concrete

Secondary chemical action:
W/C ratio reducer

Proportion:
0.5 - 1 kg per 100 kg of cement

Storage:
12 months

Noxiousness level in compliance with 88/379 EEC:
no

Inflammability:
no

Customs code:
3823/4000/0

Available in:

VISCOBETON



**Powder additive for casting underwater concrete with no leaching or segregation.
Chloride-free**

DESCRIPTION

VISCOBETON is a powder product formulated for non-water-soluble and non-segregable concrete for underwater structures.

This product increases the viscosity of the cement mix and makes it resistant to wash-out and water penetration, both during the fresh and hardening stages. VISCOBETON is chloride-free.

APPLICATIONS

VISCOBETON is used to produce uniformly consistent, non-segregable, bleed-free and easy to pump concrete for underwater works, quays, foundations, riverbeds, footings, etc.

VISCOBETON does not change setting time. It is suitable for concrete fabricated on site as well as prefabricated or pumped concrete.

ADVANTAGES

Used for both freshwater and saltwater concrete casts, VISCOBETON prevents leaching in fresh concrete and aggregate segregation. Concrete with the VISCOBETON additive offers the following advantages:

- consistently uniform and compact, with better mechanical properties and impermeability;
- no bleed;
- no segregation.

COMPATIBILITY

VISCOBETON is compatible with all cement types and classes as well as other DRACO Italiana S.p.A. additives.

WORKABILITY

If you add VISCOBETON, you can maintain workability for a period of time that may vary from 1 to 2 hours at 20°C according to cement type and proportion. Loss in workability occurs gradually. On-site field-testing will enable you to identify the most ideal proportions and strategies for use.

PROPORTIONS AND INSTRUCTIONS

VISCOBETON may be used in a proportion of 0.5-1 kg per 100 kg of cement. The average proportion is 2 kg for each square meter of concrete. Gradually add the product to the conveyor belt along with the aggregates or, better yet, put it into the scale's hopper with the cement.

When mixing concrete for use underwater, the proportion of cement in the concrete must not be less than 350 kg/m³ of R42.5 cement.

PACKAGING & STORAGE

VISCOBETON comes supplied in 10-kg bags. If this product is properly stored indoors in its original packaging, its ingredients will remain intact for one year. As the product is hygroscopic (readily absorbs and retains moisture from the air), you must store it in a dry place or on pallets in a sheltered area when on site.

SPECIFICATION ITEM

Underwater concrete should be mixed as indicated in this specification. Concrete with the VISCOBETON additive gives the cement mix a uniform consistency without leaching or segregation. VISCOBETON should be used according to the manufacturer's recommendations. DRACO Italiana S.p.A. will provide technical assistance upon request.



10-kg bags