



TECHNICAL DATA SHEET

EPOTEK FIX SUB

UNDERWATER EPOXY MASTIC

DESCRIPTION

EPOTEK FIX SUB is a two-component solvent free epoxy mastic for underwater, sealing and repairing applications. EPOTEK FIX SUB, when hardened, has a vitreous and perfectly waterproof texture. The product has a vitreous structure and does not present elasticity; therefore, it must not be used for dynamic cracks.

SPECIFICATIONS

EPOTEK FIX SUB is an epoxy base specially designed for the recovery of structural concrete, in the presence of water, even completely submerged. EPOTEK FIX SUB has a strong thixotropic component with excellent adhesion to concrete and iron for the protective coating of diving and underwater works. EPOTEK FIX SUB is formulated without solvents, thinners, plasticizers, polymerization is carried out without shrinkage even in underwater environments or in the presence of high humidity.

Generally used:

- For sealing and repair, protecting the structure from corrosion in contact with sea water
- In coastal areas
- In fully submerged areas (e. g. swimming pools...)
- On steel, concrete and wood supports

IMPLEMENTATION

The implementation of EPOTEK FIX SUB, as explained above, can also be carried out underwater. The product is not separated from the water, so it does not pollute the water where it is used.

The product hardens under water in the same way as in the air.

The curing starting time is 35 minutes at a temperature of 20°C, heat can reduce the initial setting time.

Both products must be carefully mixed before taking the necessary quantities, each in its own container. It is recommended to mix small amounts at a time, which can be applied entirely since the product cannot be used after hardening.

EPOTEK FIX SUB is supplied in two separate packages:
A = basic formula, B = hardener.

Mix the base (A) and hardener (B) at the time of use in the proportions of weight indicated on the packaging.

The blend must be mixed for 5 minutes with a mechanical mixer equipped with a low speed propeller to avoid entrapment of air into the product.

It must be mixed up to a total homogeneity, avoiding overheating of the mixture (especially due to shortening of working times).



The two components must be carefully mixed until the product (A+B) becomes homogeneous, after which it can be applied by spreading it over the surfaces to be assembled.

DOSAGE

Approx. 1.6 kg/m² per mm of thickness, depending on the porosity of the support.

PRECAUTION/WARNINGS

Avoid contact with skin and eyes.

In case of accidental contact, wash the area affected with neutral soap and water.

PACKAGING

Packaging:

$$(A + B) = 5 + 5 = 10 \text{ kg}$$

$$(A + B) = 10 + 10 = 20 \text{ kg}$$

STORAGE

The product in its original packaging, in separate packages, stored at a temperature of not less than 10°C, has a stability of more than one year.



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