



Techmo Fume SD-92

Addition of silica fume

Product Description:

TECHMO FUME SD- 92 is an addition of silica fume. It is used to increase the compactness of fresh concrete and resistance against mechanical and aggressive agents in the hardened concrete.

Uses:

- High performance structural concretes.
- Concrete pumping.
- Shotcrete both dry and wet ways
- Concrete resistant to aggressive agents.

Advantages:

It contains microscopic particles (0.1 micron) of dioxide reactive silicon. The presence of these substances increased retention of water in the fresh concrete. In the hardened concrete reacts with the free lime increasing its agents and mechanical strength aggressive. Increases the chemical resistance to chlorides, sulfates, acid, freeze-thaw cycles, alkali-aggregate reaction. It not contains chlorides or elements that may cause corrosion of reinforcement.

- Pumped Concrete
 - Best cohesion.
 - Reduction of the pumping energy.
 - Higher density and compactness.
 - High mechanical strength.
- Projected Concrete
 - Higher density.
 - Reduce the rejection.
 - High resistance to sulphates.
 - High mechanical strength.

Product Details:

- Appearance: gray powder.
- Storage conditions: Protected to the moisture.
- Retention: 1 year from date of manufacture, in its original sealed packaging undamaged.
- Presentation: Bags of 20 kg.

Technical Data:

- Type: densified silica fume.

Dosage:

- Concrete for high durability and resistance: approx. 10% weight of cement.
- Normal Concrete: approx. 5-10% weight of cement.
- Shotcrete: approx. 5% weight of cement.
- In the case of using a wet system should be used with superplasticizer additive. On a dry way is not necessary such addition.

Instrucción for use:

It is added with the concrete components dry, and subsequently adding a superplasticizer with the water in the appropriate dosage to get fluency required

Important Information:

It is imperative protect concrete from premature drying, preferably using a curing product. For any questions please contact our Technical Department

Precautions:

TECHMO FUME SD-92 must be used with a protective mask, it being a powdery product. In case of breathing dust, the affected worker must be exposed the to fresh air, if you feel discomfort go to doctor.



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

If symptoms persist seek medical advice.

In case of contact with eyes, rinse with water abundant for 15 minutes.

If swallowed, do not induce vomiting, require medical help immediately.

Ecology:

Do not allow to enter into the sewers, watercourses or land.

Transportation:

Goods not ADR.

Toxicity:

Not dangerous.

NOTA:

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