

INNO-MIX FOX POLFİBER M12

Polypropylene Fiber for Concrete and Mortar

FOX POLFİBER M12, Polypropylene fiber for concrete and mortar

Fields of Application

- Industrial floor applications,
- In field concretes,
- In airport apron and parking concretes,
- Precast applications,
- Shotcrete applications,
- In tunnel-dam projects,
- Used in refractory applications.

Advantages

- Fibrillated network structure surrounds the aggregate,
- Prevents crack formation,
- Strengthening property,
- Diffusion in concrete is effective,
- Suitable for floor applications where heavy loads are required,
- Reduces sweating,
- Reduces the permeability of concrete,
- Increases the flexural strength of concrete slabs,
- Increases the resistance of concrete against fire damage.

Technical Data

Structure of the Material	%100 Polipropilen Elyaf	
Density	0,91 gr/cm ³	
Color	transparent	
Fiber Length 12 mm		
Cross Section	Rectangle	ukarıdaki değerler +23°C'de ve %50 bağıl nem için verilmiştir. Yüksek sıcaklıklar süreyi kısaltır, düşük sıcaklıklar süreyi uzatır.

Application Procedure

FOX POLFİBER M12 is normally recommended to be added directly to the concrete batching plant. If necessary, the mixing time is increased by 3-5 minutes to ensure homogeneity if added to the fresh concrete on site. If the mixture is made in the plant, FOX POLFİBER M12 is added to half of the mixing water to distribute it in the water and then the other concrete components are added to the mixture with the remaining water.

Consumption

At least 1 pack for 1 m³ of concrete

packing

600 gr package

Shelf Life

Shelf life is 12 months from the date of production when stored properly at +5 °C to +30 °C at room temperature, away from direct sunlight. Opened products must be used within 1 week.

Storage

The product should be stored in its original package, in a cool and dry place protected from frost. For short term storage, maximum 3 palettes should be placed on top of each other and the shipment should be made on a 'first come, first go' basis. Palettes should not be placed on top of each other during long term storage.

Health and Safety Precautions

It is dangerous to approach the application sites with fire. Fresh air should be circulated in the storage and the application sites. During the application, a protective apparel, protective gloves, goggles and masks which comply with the Occupational Health and Safety Rules should be used. Due to the irritation effect of the uncured materials, the mixture should not come into contact with skin and eyes; in case of a contact, the affected area should be washed with plenty of water and soap; in case of swallowing, a physician should be consulted immediately. No food or beverages should be brought to the application area. The product should be stored and kept out of reach of children.

For detailed information please consult the Material Safety Data Sheet.

Disclaimer

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