

CMB Polypropylene Fibers

Description:

- **CMB Polypropylene Fibers** are a monofilament polypropylene additive fibers added to concrete and cement mortars to reduce the cracking due to plastic shrinkage and plastic settlement in addition to improving the surface properties and durability of hardened cementitious products.

Fields of Use:

- Industrial flooring
- Water retaining structures
- Repair mortar
- Imprinted concrete
- Precast concrete units
- Shotcrete
- Silos
- Road construction
- Concrete block industry
- Piling concrete

Advantages:

- Reduced water & chemical permeability
- Increased abrasion properties.
- Reduced plastic shrinkage cracks
- Improving the surface properties
- Distributed well in the mixture
- Increased impact resistance
- Reduced plastic settlement
- Lower brittleness

Technical Data : (at 25 °C)

Base	Polypropylene
Colour	Natural
Density	0.91 kg / l
Fiber length	12 mm
Fiber diameter	30 μ ±10%
Rate of use	0.9kg / m ³ of concrete (does not require modification in mixture design)

Directions for Use:

- Add the required amount of **CMB Polypropylene Fibers** in the mixer with other constituents, mix until completely homogeneous.
- In the case of ready-mix concrete, the **CMB Polypropylene Fibers** can be added either in the batch plant or at the work site. In the latter case, mixing is done until completely homogeneous for about one minute per cubic meter.

CMB Polypropylene Fibers

Safety Precautions:

- Wear gloves, overalls and goggles during handling and application.
- If the material is splashed into the eyes, these should be immediately washed with water and then report to an eye specialist.
- Do not eat or smoke during application.
- Wash hands with soap and water after use.

Storage:

- In a dry clean place isolated from water , temperature 15-35 c° and relative humidity 35-65 %.

Packages:

- 900 gram bags .

DISCLAIMER: The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience, however, as the product can be used under conditions beyond our control, we can only guarantee the quality of the product itself. We also reserve the right to change the given data without notice. Minor product variations may be implemented in order to comply with local requirements.



Chemicals for Modern Building International
Head Office: 69 Zone G, Khofo Gate Hdaek El-Ahram- Giza-Egypt
Tel./Fax: +(202)39744170 - 39744148 - (+202)016 55 08 321
Sales Office: 319 El- Haram St., Giza. Tel: +(202) 35853917 - 35854084
Fax: +(202) 35859858 - 35854118

Great Products