

Fiberglass

Control and reinforcement from the concrete and mortars

Glass fiber AR in cut thread for the concretes and mortars reinforcement.



Product

- For fissures prevention
- Industrial and decorative pavements
- Invisible on the finished surface
- High resistance to the impact
- Easy to apply

Characteristics

- Fissures reduction by retraction during the setting process, avoiding the formation of bigger fissures.
- The fiber is easily incorporated to the matrix, generating a great reinforcement fiber quantity equally distributed and without disintegration.
- The **Fiberglass** does not stand out to the surface and does not require any additional finishing process.
- Reduces the permeability
- Increase of resistance to impact and abrasion.
- It acts as reinforcement to disintegration.
- Fiber will be added to wet concrete in a mix plant or directly on the concrete mixer truck.

Usage way

- Add to the **Fiberglass** directly to the concrete mixer truck, with a proportion of 600 gr/m³ (1lb/cu.yd) of concrete.
- The bags are made of biodegradable, water-soluble and dispersible paper.

Performances

- Density: 2.68 g/cm³
- Softening point: 860°C – 1580°F
- Chemical resistance: very high
- Elasticity module: 72GPa – 250x103 psi
- Electrical conductivity: very low
- Diameter: 18 Nm
- Fiber length: 3-6-9-12 y 18 mm
- Filament diameter: 14µm (0,000546 inches.)
- Fire loss: 0.55%
- Humidity: 0,3 % maximum.
- Product: glass resistant to alkali

The Fiberglass accomplish with the norms ASTM C1666/C 1666/M-07, EN 15422 and the recommendations from PCI and GRCA.



Packaging

6 kg bags
396 kg pallet (66 bags)

Lenght

3-6-9-12-18 mm (1/8-1/4-3/8-1/2-3/4 inches)

Colors

Natural white

Consumption

Minimum: 0,6 kg until 6 kg /m³
(In all cases, it will be the project management team the one deciding the quantity m³, depending on the concrete characteristics and effort).

Preservation

*Temperature: 15°C – 35°C
*Humidity: 35% - 65%
(Preserve sheltered from heat and humidity)

⚠ IMPORTANT

The observations and prescriptions of this technical sheet, even corresponding to our best experience, should be considered, in any case, purely indicative, and must be tested by exhaustive practical applications; Therefore, before using the product, whoever is going to do it must establish whether it is suitable for the intended use, and assumes any responsibility that may arise from its use. Once the product is handled or applied, the manufacturer will not assume any claim, nor will it be responsible for the form, mode and conditions of application.