

Product

EESF® Glass Fibers

Type

Type (E) Glass Fibers

Diameter

13 microns



Experts in Fibers Reinforced Concrete

EGYPTIAN
EUROPEAN

Steel Fiber



Product Data Sheet

EESF® Glass Fiber Type (E)



Product Description

EESF® Glass Fiber(E) is a monofilament Glass fibers chopped from type E of glass. The fibers are coated with Silane based to sizing improve initial dispersion and bond.

The fibers are extremely fine, single filaments, measuring 13 microns in diameter, cut to lengths of 6, 12, 18 and 24 mm, in accordance with maximum aggregate size considerations and surface appearance requirements.

Advantages

- Reduced Plastic Shrinkage Cracks.
- Low static and low fuzz .
- Fast and good dispersion in resins.
- Good processing and excellent mechanical properties.
- Alternative to Crack Control Mesh.
- Reduced Water & Chemical Permeability.
- Low Viscosity and excellent flowability of the paste.
- Increased Abrasion Properties.
- Increased Impact Resistance.
- Improved Durability.

Usage

Egyptian European (GF®) are used in the following applications:

- Internal Floor Slabs
- Water Retaining Structures
- Concrete Buildings
- Repair Materials
- External Hard Standings
- Pattern Imprinted Concrete
- Bridges
- Precast & Extruded Concrete
- Agricultural Areas
- Piling Concrete
- Shotcrete/Gunite

Speciation Compliance

EESF® Glass Fiber

is manufactured according to to EN ISO 9001 standards and has full British Board

Product Data

Base	Glass Fiber
Colour	Natural
Design	Monofilament Fiber
Length	6, 12, 18 and 24 mm
Diameter	13 ± 10% micron nominal

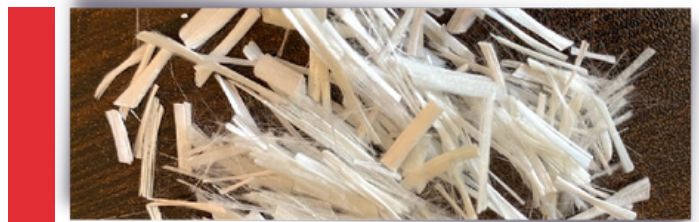
Dosage

- For industrial floors: 0.9 kg / m³
- For paints: 0.6 - 0.9 kg/m³
- For ready-mixed concrete units: 0.9 - 2.7 kg / m³
- For the mixture used with concrete screed: 2.7 kg / m³
- With resin mixtures (epoxy - polyurethane): 0.5 - 1% of the weight of the epoxy materials.

Packing

0.9 Kg of fibers is packed in either plastic bags, where one bag of fibers is the required amount of product for one cubic meter of concrete.

Bagged fibers are placed in boxes for ease of handling. Fibers can also be ordered in bulk quantities and packed in bag of 12.5 - 20 Kg.



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Applications



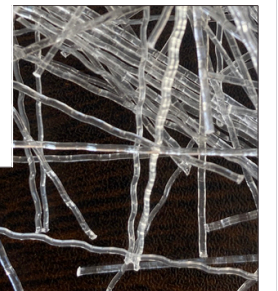
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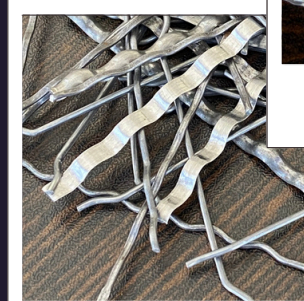
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