

TOP PES12

Polyester microfiber for mortars and stuccos.

DESCRIPTION

F-MAX | TOP is our fiber line specially designed to achieve the best performance in mortars, stuccos, and acrylic waterproofing systems.

F-MAX | TOP fibers provide a dense three-dimensional network of more than 100 million filaments per kilogram, achieving superior plastic crack reduction capabilities.

F-MAX | TOP fibers also contribute to the reduction of water evaporation rate in the mortar.

HOW TO USE

FMAX fibers are ready to use. Add the FMAX fiber bag to the concrete mixer either before, during, or after the mixing process. Avoid adding the fiber during cement loading. Ensure the mixing time is at least 5 minutes to achieve proper fiber dispersion throughout the concrete mix.

Refer to ASTM C94/C94M for detailed mixing procedures. Follow ACI 302 guidelines for placing, finishing, and curing concrete.

APPLICATIONS

- ✓ Pavements, industrial and residential floors.
- ✓ Hydraulic structures.
- ✓ Precast elements.
- ✓ Tanks, pipes, and swimming pools.
- ✓ Tunnel linings.
- ✓ Fiber cement.
- ✓ Stucco and mortar.
- ✓ Waterproofing and sealants.

BENEFITS

- ✓ Easy to apply, transport, and store.
- ✓ Excellent reduction of plastic cracking.
- ✓ Does not require specialized labor.
- ✓ Corrosion-resistant and alkali-resistant.
- ✓ Reduces the permeability of hardened concrete.
- ✓ Reduces aggregate segregation.
- ✓ Promotes a uniform bleeding process.
- ✓ Improves impact, abrasion, and spalling resistance.

TECHNICAL DATA

Material: Polyester
Length: 12 mm
Color: White
Appearance: Fiber
Design: Monofilament
DPF: 3, 5, 7.
Section: Circular
Fibers / Kg: >100 million
Specific gravity: 1.39

SUGGESTED DOSAGE

Ready-mix concrete and mortar:
600 to 900 grams per cubic meter
Site-mixed concrete and mortar:
100 grams per 50-kilogram bag of cement

CAUTIONS

FMAX is not a substitute for primary or structural reinforcing steel.

PACKAGING

Plastic bags: 20 kg.
Pallet: 50 bags = 1,000 kg.