

GREENUMBRELLA®

# Fi-Flex

Concrete  
Fiber

STAGE III



# REINFORCE, NEVER RE-TIE



4x Macro fiber count to permeate any fresh concrete matrix to attack and contain common causes of cracking. Improve durability with fatigue resistance and increased flexural and impact resistance strength. Fibrillated, accordion action designed to envelop aggregate and concrete components, solidifying the connection between ingredients.

#### DEMANDING APPLICATIONS:

WAREHOUSE/DISTRIBUTION CENTERS

**FOOD SERVICE**  
**PARKING GARAGES**

HOSPITALS, INDUSTRIAL MANUFACTURING

#### CONVENTIONAL CONCRETE APPLICATIONS:

**RETAIL SPACES & SHOWROOMS**

**RESTAURANTS**

**BUSINESS OFFICES**

**MUSEUMS**

**MUNICIPAL FACILITIES**

HOSPITALS, SCHOOLS, FIRE STATIONS

#### READY MIX APPLICATIONS:

**PRE-CAST, TILT-UP**

**ORNAMENTAL CONCRETE**

**SHOTCRETE, MORTAR**

**CONCRETE MASONRY UNITS**

**PAVERS, ROOF TILES**

**RETAINING WALL UNITS**

**STUCCO, PLASTER, CAST STONE**

# ARCHITECTURAL APPLICATIONS





# ISOTROPIC / FIBRILLATED / 4X MACRO COUNT

GREEN UMBRELLA®

**Fi-Flex** Concrete  
Fiber  
STAGE III

**REINFORCE, NEVER RE-TIE** Green Umbrella® Fi-Flex™ is a variable dose, insoluble, secondary reinforcement concrete fiber uniquely designed to enhance flexural strength and performance. Providing isotropic - three dimensional - fibrillated fiber reinforcement with a strength comparable to Welded Wire Fabric (WWF) or light rebar without the potential for failure due to alkali or corrosion. Even Fi-Flex dispersion promotes an impermeable concrete that is resistant to concrete cracking due to fatigue and enhanced post-crack flexural performance. A secondary reinforcement with equal strength to WWF, Fi-Flex™ reinforces without the need for large mats or light rebar materials, freight, labor, and installation or potential vapor barrier damage due to puncture. Place and finish crews no longer have to maintain full-field steel reinforcement, re-tying bars, or re-setting chairs. Attack crack formation and reinforce the concrete matrix with doses starting at 3 lb. per cubic yard.

**CUTSHEET**



**CUT TO THE CHASE**  
GREEN UMBRELLA®





# ***“GIVING YOU THE DIRECTION YOU NEED.”***

## **CUT YOUR LABOR   CUT YOUR DOWNTIME   CUT YOUR ENVIRONMENTAL IMPACT**

“Green Umbrella’s product branding is the direct PRODUCT message “Cut to the Chase”. Each product and installation are driven a goal: **Cut your Labor. Cut your Downtime. Cut your Environmental Impact.** Green Umbrella quickly isolates these key benefits to explain the profitable, sustainable and quality of our industry unique products.”

