

CUTSHEET

INTEGRAL / FIBRILLATED / WWF REPLACEMENT

GREENUMBRELLA®

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.



CUT LABOR

- Eliminate installation of WWF or Light re-bar
- No Light re-bar, No Chairs
- Easily introduced into the mix



CUT DOWNTIME

- No WWF or Light re-bar on-site eliminate injury hazard
- Simple batch mixing, limited freight
- No steel supply chain limitations



CUT ENVIRONMENTAL IMPACT

- Extends life cycle of concrete
- Alkali Resistant and Non-Corrosive
- Increased Impact and Wear Resistance

**Ready-to-Use

VERSATILE ARCHITECTURAL APPLICATIONS

Ideal for **interior** or **exterior**, horizontal - sidewalks, driveways, warehouse/distribution centers, food service, parking decks, garages, hospitals, or similar, retail spaces & showrooms, restaurants, business offices, lobby areas, museums, municipalities, airports, hospitals, schools, fire-stations, most concrete surfaces; or vertical - demanding applications such as shotcrete.

EASY TO APPLY - SIMPLE TO MAINTAIN

Fi-Flex™ is shipped R.T.U.™, in pre-portioned 3, 4 or 5 lb. water soluble bags. Concrete maintenance is reduced thanks to benefits in resisting common causes of cracking. Resistance to Alkali and Sulfate equip Fi-Flex™ to carry the load, continuing to serve as a safety net for LifeCycle enhanced concrete. When used in shotcrete improved adherence improves rebound effect.

PACKAGING



3 / 4 / 5 POUND
WATER SOLUBLE BAGS

