

CUTSHEET

3-D REINFORCEMENT / 4X MACRO FIBER COUNT / WWF REPLACEMENT

GREENUMBRELLA®

FiberMacX Concrete Fiber STAGE III

REINFORCE, NEVER RE-CHAIR

Green Umbrella® FiberMacX™ is a variable dose, high impact resistant, wear-resistant, secondary reinforcement concrete fiber uniquely designed to enhance durability, flexural strength, and performance while reducing fatigue. Providing isotropic, three-dimensional, stick fiber reinforcement with a strength comparable to WWF or light rebar without the potential for failure due to alkali or corrosion. The even dispersion promotes impermeable concrete that is resistant to concrete cracking due to fatigue. Secondary reinforcement with equal strength to Welded Wire Fabric (WWF) - FiberMacX™ reinforces without the need for large mats or light rebar materials, labor and installation (time, freight, expense), as well as potential vapor barrier damage due to puncture. The elimination of typical wire mats or rebar eliminates potential future failure due to corrosion. Place and finish crews no longer have to maintain steel reinforcement across a complete grade or deck, eliminating the need for re-tying bars or re-setting chairs. Attack crack formation and reinforce the concrete matrix with doses starting at 3 lb. per c/y boasting 4x competitor products' macro fiber count.



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

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, hotels, schools, fire-stations, most concrete surfaces; or vertical - demanding applications such as shotcrete.

EASY TO APPLY - SIMPLE TO MAINTAIN

FiberMacX™ 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 FiberMacX™ 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

SYSTEM SPECIFICATION



GREENUMBRELLA®
FULLSPEC

