

October 21, 2014

UltraFiber 500 Certificate of Conformance

I, Rich Solomon certify

That UltraFiber 500 fibers are made from 100% virgin specialty cellulose fiber with a patented alkaline resistant coating specifically engineered and manufactured for use as fibrous secondary reinforcement for concrete. UltraFiber 500 meets the requirements of American Concrete Institute committee ACI 544 – Report on Fiber Reinforced Concrete, Chapter 5.

That UltraFiber 500 meets the material specifications described in ASTM C1116-10, Section 4.1.4 Type IV Natural Fibers and ASTM D7357-07 Cellulose Fibers for Fiber-Reinforced Concrete.

That concrete test specimens produced containing a minimum 1.0 lbs./yd³ of UltraFiber 500 have been evaluated by independent test laboratories and have met or exceeded the specific values for Plastic Shrinkage Cracking (ICC AC-217, Annex A), Alkali Stability (ASTM D6942), Compressive Strength (ASTM C39), Flexural Strength (ASTM C78), Bond Strength (ASTM C234), and Freeze/Thaw Resistance (ASTM C666), as described in ICC Evaluation Service 217, Acceptance Criteria for Concrete with Virgin Cellulose Fibers.

That UltraFiber 500 has been classified by Underwriters Laboratories as 2 hour fire rated for use on all Composite Metal Deck Assemblies D700, D800, and D900 Designs.

That UltraFiber 500 is an alternate system to welded wire fabric and mild temperature steel when used for non-structural secondary reinforcement in hardened concrete.

Rich Solomon

President

