



BRICKFORM • LYTHIC • ULTRAFIBER 500

2020 Certification

Fibrous Concrete Reinforcement

UltraFiber 500®

Material:

Solomon Colors, Inc. certifies that the UltraFiber 500® fibers are made from 100% virgin specialty cellulose fiber with patented alkaline resistance coating specifically engineered and manufactured for use as fibrous secondary reinforcement for concrete. UltraFiber 500® meets the material specifications described in ASTM C-1116-08, Section 4.1.4 Type IV Natural Fibers and ASTM D-7357-07 Cellulose Fibers.

Performance:

We further certify that concrete test specimens containing a minimum of 1.0 lbs/yd³ (0.6 kg/m³) of UltraFiber 500® were produced and evaluated per the requirements of ICC-ES Acceptance Criteria AC217, by independent test laboratories, and as indicated in Evaluation Report ICC-ESR 1032 issued pursuant to this testing, have met or exceeded the specified values for Plastic Shrinkage Cracking (ICC AC-217), Annex A), Alkali Stability (ASTM D6942), Compressive Strength (ASTM C39), Freeze/Thaw Resistance (ASTM C666), Fibers in Fire-Resistive Concrete over Steel Deck Construction (ASTM E119, UL 263) as described in ICC Evaluation Service AC217, Acceptance Criteria for Concrete with Virgin Cellulose Fibers. Reference ICC ESR-1032.

Application:

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

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