

UltraFiber 302 Blend

If you think that Fiber Blends won't stand up to the competition then take a look at how each product fairs in a comparison.

Ultra-Fiber 302 meets and/or exceeds the others in every category.

Features	UltraFiber 302	Macro-Fibers	Welded Wire
Reinforcing always positioned properly	Yes - mixed throughout concrete matrix	Yes - mixed throughout concrete matrix	No - Requires support and labor intensive
Reduction in Plastic Shrinkage and temp. Cracks/Early Age Benefits	Yes	Yes	No
Crack Control in Hardened Concrete	Yes- very high tensile strength and high modulus of elasticity	No - low modulus of elasticity	Yes - if properly positioned in the upper third of the slab
Easy to place in the concrete mix	Yes - mixed into concrete	Yes - mixed into concrete	No - must be supported on chairs or slab bolsters in upper third of the slab
Provides three dimensional reinforcement	Yes	Yes	No - reinforcement is only on one plane in the concrete
Superior finish with no effect on workability of the mix	Yes	No - Common issue, fibers on surface and must use ad mixtures to maintain workability	No - slows the placing and finishing of the concrete
Cost effective, safe to use and no labor	Yes	Yes - but requires the additional cost of \$8- \$10 in admixtures per cubic yard to place and finish	No - very labor intensive and a safety hazard
Building code approved	Yes	Yes	Yes - only 4x4 4/4 welded wire mats on supports
Meets ACI 302-15 design guide lines for slab on ground	Yes	Yes	Yes - only 4x4 4/4 welded wire mats on supports
Renewable materials & environmentally friendly	Yes	No	No
Meets or exceeds ASTM specifications	Yes	Yes	Yes – only if certified
Impact and shatter resistance	Yes	Starting at 6 lb dosage some improvement	None
Corrosion resistant	Yes	Yes	No - corrodes when exposed to water and chemicals; aesthetics and possible disruption
Accepted Design Protocol - additional tensile capacity	Steel Component	No	Very limited and based on WWF size
Extend Joint Spacing	No	No	No
Higher Residual Strength Characteristics	Yes	Yes	No



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