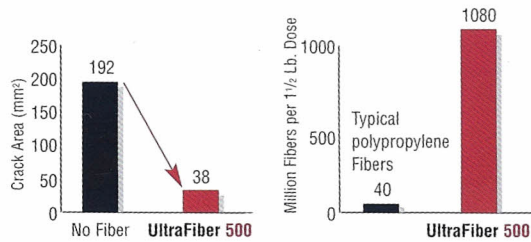


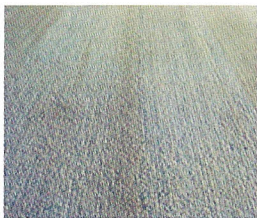
THE MOST ADVANCED FIBER FOR CONCRETE REINFORCEMENT

Unsurpassed Crack Reduction

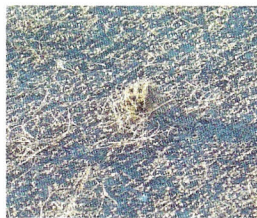


UltraFiber 500-reinforced concrete results in **85% fewer cracks** than concrete without fiber

Over one billion more crack-fighting fibers and over 28% more surface area than polypropylene in same dosages



UltraFiber 500 superior finish



Polypropylene balling and surface fuzz

- Unparalleled finishing quality
- Virtually invisible in concrete
- Improved freeze/thaw and fire resistance
- Twice the tensile strength of polypropylene
- No balling
- No surface fuzz
- No blemishes

Greater Bonding and Hydration Properties Deliver Improved Durability

Unlike polypropylene fiber which repels moisture and can create voids, UltraFiber 500 actually absorbs up to 80% of its weight in moisture. This feature, in combination with the much higher surface area of UltraFiber 500, results in extensive fiber to paste bonding throughout the mix.



UltraFiber 500 achieves excellent bonding with cement



Typical synthetic fibers have minimal bonding with cement

As the concrete hydrates and water becomes increasingly scarce, the moisture held by UltraFiber 500 fibers is slowly released to unhydrated cement allowing it hydrate more completely. This phenomenon, called internal curing, improves the overall hydration efficiency of the concrete and enhances FRC strength and durability properties.

Ideal for Decorative Applications

Because UltraFiber 500-reinforced concrete has a startlingly smooth, blemish-free finish, it's perfect for decorative pours that are becoming increasingly popular in high-end residences and commercial applications. And since UltraFiber 500 is made of patented cellulose fibers, it easily accepts stains and dyes for even more design possibilities.



Making the invisible visible

UltraFiber 500 fibers are virtually invisible in concrete. Confirming their presence at the job site is simple:



Screen wash pre-set concrete with a sieve



Or break open a thin piece of hard concrete

BUCKEYE
UltraFiber
500

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