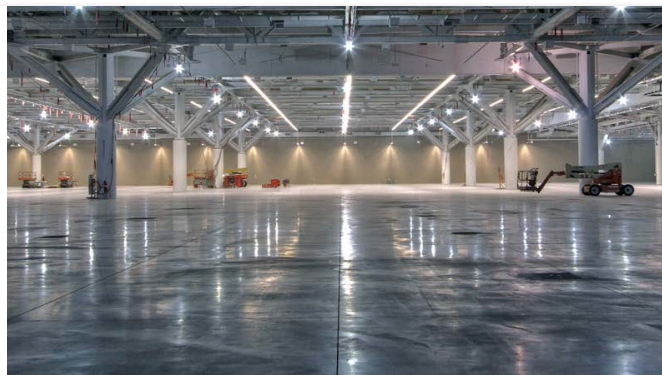




## TUF-STRAND MACRO-SYNTHETIC FIBERS

# FIBER REINFORCED CONCRETE FLOOR TECHNOLOGY



### APPLICATIONS

- Industrial Floors
- Commercial Floors
- Stadiums and Convention Centers
- Driveways and sidewalks
- Highway and Road Pavements
- Topping Slabs

### ENGINEERING SERVICES

- Professional Engineers on Staff
- Available R&D Laboratories
- Carbon Footprint Analysis
- Specification Review
- On-site Consultation and Support
- UL Certified Fiber for Deck Construction
- National Account Program Coordination
- Floor Software Design Assistance

- ACI 360
- ACI 544
- TR34
- fib Model Code

### FEATURES & BENEFITS

**TUF-STRAND SF** is a patented, macro-synthetic fiber specifically engineered for use as a replacement to conventional reinforcing such as wire mesh and steel rebar for slabs on ground, precast concrete, composite steel decks and shotcrete applications. Engineered dosage rates are based on strength-to-strength calculations and supported by standardized test methods and industry practices. This non-corroding, three dimensional reinforcement will also provide abrasion, fatigue and impact resistance while increasing service life through improved toughness and durability.

- Patented fiber design
- Equivalent strength to steel
- Project time and cost savings
- Carbon Footprint reduction
- Engineered floor calculations
- Reduced cracking and maintenance

### A PARTNERSHIP WITH EUCLID CHEMICAL MEANS...

**Concrete Mix Design Assistance** – Euclid Chemical’s technical sales team is experienced in concrete mix design and how fibers work in combination with chemical admixtures, cement additives, air entrainment and other specialty products.

**Specification and Business Development** – Let our team of specification experts ensure that the right fiber offers the right performance for the application.

**Fiber Training** – One-on-one training and educational materials are available from Euclid Chemical with a full Technical and Marketing package suited towards owners, engineers, contractors and ready-mix producers ensuring a successful fiber project.

**Engineered Fiber Calculations** – Design aids and other tools are available to all Euclid customers to help them correctly determine and specify appropriate engineered dosage rates for each individual application ensuring project compliance.

**Industry Association Involvement** – Euclid Chemical is actively involved in promoting and advancing the state-of-the-art in FRC through participation in other trade associations such as ACI, NRMCA, FRCA, ASA, NPCA and ASTM.