

REINFORCING FIBRES

1) MICROSYNTHETIC FIBRES (TEMPERATURE & SHRINKAGE REINFORCEMENT)

Provides plastic shrinkage cracking reduction for the following applications:

- Sidewalks
- Decks
- Patios
- Residential driveways
- Pool decks
- Extruded curbs and gutter
- Basement and garage floors

Benefits:

- Modifies macro- and micro-cracking mechanisms
- Reduces plastic settlement
- Extends service life with reduced maintenance
- Enhances impact and surface abrasion resistance



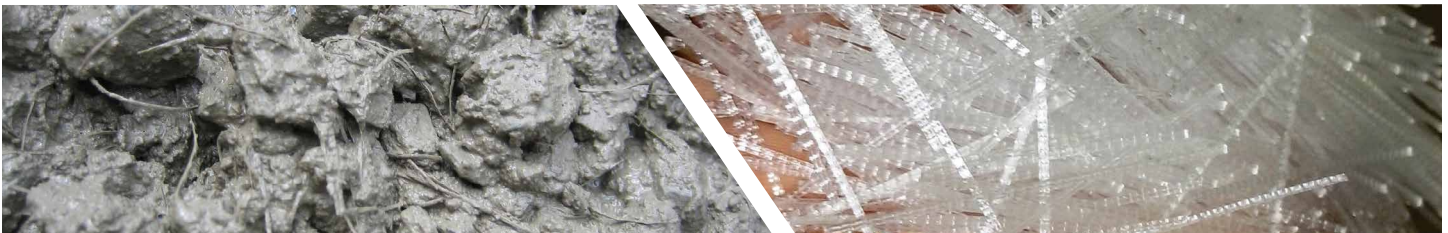
2) MACROSYNTHETIC FIBRES (STRUCTURAL REINFORCEMENT)

Provides structural reinforcement as well as plastic shrinkage and settlement cracking reduction for the following applications:

- Shotcrete
- Composite metal decks
- Industrial and warehouse floors
- Pavements
- Residential and commercial slabs-on-grounds
- Tunnel linings
- Wall systems
- Whitetopping/overlays

Benefits:

- Eliminates the need for welded-wire reinforcement and small diameter bars used as secondary reinforcement, depending on the application
- Effective tight crack control
- Provides excellent control of settlement cracking
- Improves green strengths and permits earlier stripping of forms with less rejection
- Reduces construction time and overall labor and material costs
- Reduces the effects of handling and transportation toughness, impact and shatter resistance



3) STRUCTURAL STEEL FIBRES

Steel Fibers are made from high tensile cold drawn steel wire with a minimum Ultimate Tensile Strength of 160,000 psi to 180,000 (1,100 to 1,300 MPa) sometimes suitable in the replacement of rebar in the following applications:

- Structural slab-on-grounds
- Structural footings
- Highway pavements
- Bridge deck overlays
- Seismic Structures

Benefits:

- Distributes localized stresses
- Reduction in maintenance and repair cost
- Provides tough and durable surfaces
- Reduces surface permeability, dusting and wear
- Cost saving
- Minimizes cracks
- Increases tensile strength and toughness
- Resistance to impact
- Resistance to freezing and thawing



Tomlinson is a leading supplier of Ready Mix Concrete in Ottawa. With both fixed and portable plants to meet demanding project requirements, we deliver ready mix concrete to customers throughout Eastern Ontario.

Tomlinson can provide Ready Mix Concrete for any type of construction – residential, commercial, civil or agricultural – and our extensive range of products includes specialty concrete. Tomlinson works with only the highest quality products to ensure every job is met with 100% customer satisfaction. We also provide concrete mixes that conform to “green” building practices.

Tomlinson has implemented an internal Quality Assurance Program to ensure our customers are getting quality concrete that meets their required specifications. All of our plants are fully certified by Concrete Ontario (formerly RMCAO) to meet the demands of producing modern concrete in the Eastern Ontario Market.