

## **SPECIFICATION CLAUSE**

**BELMIX™- M** Fibers are high performance macro synthetic fiber conforming to ASTM C1116 Type III and manufactured specifically for the reinforcement of concrete. The fibers shall be manufactured in an ISO certified manufacturing facility.

## **FEATURES & BENEFITS**

- Improves Flexural Toughness
- Improve Freeze/Thaw Cycle Resistance
- Improves Tensile & Fatigue Strength
- Chemically Inert & Alkali Proof
- Non-Magnetic
- Faster in Application, hence reduce project time frames

## **APPLICATION AREAS:-**

- Concrete Pavements & Ground Supported slabs
- Cement concrete roads, Bridge Deck, Air field runway, Tunnels
- Pre Cast Engineering Industries

## **DOSAGE:**

**BELMIX™- M** fibers shall be mixed at the batch plant, at the recommended rate of 3-5 kgs/m<sup>3</sup>, and mixed for sufficient time (minimum 5 minutes) to ensure uniform distribution of the fibers throughout the concrete mix



**TECHNICAL PROPERTIES OF BELMIX™- M :**

Material	Polypropylene & Synthetic Blended
Density	0.910 gm/cm <sup>3</sup>
Length	45-50mm
Diameter	0.8-1.8mm
Crack Elongation	12-40%
Tensile Strength	>500 Mpa
Modulus of Elasticity	>/= 7000 Mpa
Melting Point	170°C
Quality Assurance	ISO & CE Certified