



Fiber Mesh 30

Glass Ligned Fiber mesh

Pack Size

TDS Technical Data Sheet

Product Description

Fiber Mesh 30 is a high-performance, glass-lined fiber mesh system designed as a micro-reinforcement for concrete applications. Manufactured from 100% virgin homopolymer polypropylene multifilament fibers, it incorporates e3® patented technology to provide enhanced strength and durability. The product is engineered to control plastic shrinkage and settlement cracking in concrete without affecting the curing process. It does not absorb water and acts mechanically by reinforcing the aggregate within the concrete.

Uses

Fiber Mesh 30 is suitable for a wide range of concrete applications, including:

- Slabs on ground
- Residential applications such as sidewalks, driveways, decks, and curbs
- Precast concrete elements
- Overlays and toppings
- Stucco reinforcement
- Shotcrete applications
- Roads and pavements
- Bridge decks

Characteristics and Advantages

- Reduces plastic shrinkage and settlement cracking
- Enhances impact, shatter, and abrasion resistance
- Improves overall durability and longevity of concrete
- Promotes uniform bleeding and minimizes bleed water
- Helps inhibit the formation of intrinsic cracks
- Increases cohesion and minimizes segregation
- Provides reinforcement against abrasion and freeze-thaw cycles

Product Information

Packaging: Available in 1MtrX50Mtr Rolls

Appearance/Color: White synthetic fiber

Fiber Type: Monofilament micro synthetic fiber.

Storage Conditions: Store in a dry warehouse, protected from moisture and rain

Density: 0.91 g/cm³

Melting Point: 162°C (324°F)

Technical Information

Resistance to Alkalinity: Excellent

Data Reliability

All technical data provided in this document are based on laboratory tests. Actual performance may vary due to factors beyond our control.

Regional Compliance

Product specifications may vary based on local regulations. Please refer to the local Product Data Sheet for precise information.

Legal Disclaimer

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