



TECHNICAL DATA SHEET

Forta-Fi



Product Description

Forta-Fi is a high strength synthetic fibre blend formulated to reinforce asphalt mixes. Forta-Fi helps control fatigue, thermal and reflective cracking, rutting and raveling. In new construction or rehab. projects Forta-Fi provides cost savings through reduced pavement layer thickness or a life cycle cost reduction when placed in conventional asphalt pavement thickness which extends pavement life.

Applications

- Asphalt roads and roundabouts.
- Parking lots
- Driveways

Features

- 3-dimensional crack control.
- High tensile strength synthetic fibre.
- Fibre blend.
- Acid/alkali resistant.

Benefits

- Extreme durability
- Life cycle cost reduction
- No change to construction process
- Extended pavement life

Dimensions

- Length: 19mm)
- Diameter: n/a
- Aspect ratio (l/d): n/a
- Quantity of fibres: 1,440kg/cu/m - 910kg/cu/m
- Shape: Monofilament/Serrated

Properties

- Tensile strength: 2,758 MPa
- Youngs Modulus: n/a
- Specific gravity: (Aramid - 1.44/Polyolefin - 0.91)
- Operating Temp: -73 to 427°C
- Acid/Alkali Resistance: Inert

Compliance



EN 14889-1



Certificates



Packaging/Storage

- 500g bags (980 bags per pallet).

