



TECHNICAL DATA SHEET

Forta Ferro



54 mm



Product Description

Forta Ferro is a combination twisted, non fibrillated mono-filament and fibrillated fibre providing a high performance concrete reinforcing system.

Applications

- Precast concrete pits, drains, tanks, troughs
- Footpaths/cycleways and driveways
- Commercial & residential slabs
- Industrial slabs

Features

- Corrosion free
- Degradable bag
- Internationally proven performance
- High tensile polypropylene
- 100% virgin co-polymer polypropylene
- Acid and Alkali resistant

Benefits

- Easy to use and finish
- Ability to tailor product to meet specific project requirements
- Degradable bag means less handling and wastage
- Lower carbon footprint compared to steel
- Saves the contractor time and money
- Improves site safety
- High durability and ductility
- Increase load bearing capacity and flexural toughness
- Control shrinkage cracking
- Reinforce concrete multi-directionally

Dimensions

- Length: 54mm
- Diameter: 0.80mm
- Aspect ratio (l/d): 56
- Quantity of fibres: 161,000 fibres/kg
- Shape: Formed extrusion

Properties

- Tensile strength (Mean): 620 MPa (+/- 7.5%)
- Young's Modulus: 9.5 GPa
- Specific gravity: 0.91

Compliance



Certificates



Packaging/Storage

- 1kg mulchable bags = 16 x bags per box
- 12 boxes per pallet

