



TECHNICAL DATA SHEET

Forta Ferro

- **Compliance**
Forta Ferro complies to ASTM C 1116-10.
- **Product Description**
Forta Ferro is a twisted bundle, non fibrillated monofilament and a fibrillated network fibre yielding a high performance concrete reinforcement system.
- **Applications**
Forta Ferro is used in industrial floors, commercial and residential slabs, precast and civil work, anywhere that steel reinforcement reduction or replacement is the objective.
- **Benefits**
Forta Ferro is used to reduce plastic and hardened concrete shrinkage. Improves impact strength, fatigue resistance and concrete toughness.
- **Material Properties**
100% virgin co-polymer/polypropylene
- **Fibre Count**
161,000kg
- **Form**
Monofilament/fibrillated fibre system
- **Length**
54mm
- **Specific Gravity**
0.91
- **Acid/Alkali Resistance**
Excellent
- **Tensile Strength**
620MPa to 758MPa
- **Packing and Storage**
Forta Ferro is packaged in:
 - 1kg mulchable bags
 - 16 x 1kg bags per carton
 - 12x16kg cartons per palletRecommended storage is a dry covered area
- **Performance**
Dose rate: 2kg/m³ to 5kg/m³
Re3% value—31% to 58%
- **Mixing Procedure**
Add fibres with additives. If assistance is required click on “Mixing Procedure” or contact TEXO directly.
- **Technical Advice**
If assistance with design or dose rates is required, please contact TEXO, our contact details are below.