



TECHNICAL DATA SHEET

Adfil-Ignis

- **Compliance**
Adfil-Ignis complies to BS EN ISO 9001.
- **Product Description**
Adfil-Ignis is a specialty fibre that offers good bonding, long term durability, improved toughness and reduction of explosive spalling.
- **Applications**
Adfil-Ignis provides an effective shield for explosive spalling in tunnel linings and high strength concrete of 100MPa or more.
- **Benefits**
Adfil-Ignis is designed to provide a pressure release system for hydrocarbon fires in tunnels and underground car parks to limit explosive spalling.
- **Material Properties**
100% virgin polypropylene
- **Fibre Count**
720,000,000/kg
- **Form**
Monofilament fibre
- **Length**
6mm, 18 micron
- **Specific Gravity**
0.91
- **Acid/Alkali Resistance**
Excellent
- **Tensile Strength**
600MPa
- **Packing and Storage**
Adfil-Ignis is packaged in:
 - 1kg mulchable bags
 - 20 x 1kg bags per box
 - 30 boxes per palletRecommended storage is a dry covered area
- **Performance**
Dose rate: 1kg/m³ to 2kg/m³
- **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.