# **OSCRETE FIBRE-ROLL**

## GRC Premix & Spray Roving Alkali Resistant Glass Fibre

### **DESCRIPTION**

Oscrete Fibre-Roll is an alkali resistant glass fibre assembled roving, designed for use in the manufacturer of glass fibre reinforced concrete composites by both premix and simultaneous spray methods.

### **APPLICATIONS**

In the premix process Oscrete Fibre-Roll is chopped into small strands with high abrasion resistance. The fibre remains integral and this provides easy incorporation into the matrices. Oscrete Fibre-Rolls new sizing technology reduces the water absorption of the fibre strand, allowing a reduction in the water content of the matrix, or an increase in the fibre content. Oscrete Fibre-Roll can also be used with a fibre cutting machine attached to a volumetric truck or to a static concrete mixer. Oscrete Fibre-Roll has high fibre abrasion resistance and a good split efficiency for easy chopping and low fuzz generation.

### **PROPERTIES**

Nature:	Alkali Resistant Glass
Appearance:	White
Specific Gravity:	2.50 g/cm³
Chemical Resistance:	Very High
Modulus of Elasticity:	72 GPa
Tensile Strength:	1,700 MPa
Softening Point:	860°C

#### **ADDITION RATES**

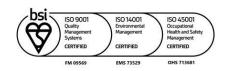
Dosage rates will be dependant on mix design, process, types of aggregates and the desired effect.

### **BENEFITS**

- Alkali resistant.
- Good unwinding.
- High split efficiency.
- Improved tensile strength.
- High modulus of elasticity.
- Easy chopping.
- Suitable for premix and spray.
- Durable.
- Easily stored.

### **STANDARDS**

**Oscrete Fibre-Roll** is manufactured under the ISO 9001 Quality Managers Scheme.





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#### **COMPATIBILITY**

Oscrete Fibre-Roll is compatible with all types of EN 197 cement systems and offers a wide range of benefits particularly in the production of GRC.

### **STORAGE**

Oscrete Fibre-Rolls are protected by a shrink wrapped polythene film, open at the top which should not be removed whilst the product is in use. Oscrete Fibre-Roll should be protected from extreme temperature and stored unopened in a dry environment. If the product is stored at lower temperatures it is advisable to condition it in a warmer environment for at least 24 hours before use to prevent condensation.

### **HANDLING**

Please refer to the **Oscrete Fibre-Roll** material safety data sheet but in line with normal handling procedures, personal protective equipment should be worn.

### **PACKAGING**

Oscrete Fibre-Roll is supplied as a 19.2kg roll.

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### Disclaimer

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