

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 pre-mix and simultaneous spray methods.

APPLICATIONS

In the pre-mix 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.

BENEFITS

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

PROPERTIES

| | |
|------------------------|------------------------|
| Nature: | Alkali Resistant Glass |
| Appearance: | White |
| Specific Gravity: | 2.50 g/cm ³ |
| 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.

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.

Disclaimer

The physical properties quoted are typical, and should not be taken as a specification. The information supplied in our literature is based on data and experience and is given in good faith. Our policy is one of continuous research and development and we reserve the right to update this information at any time; customers should therefore ensure they have the latest issue. Whilst we guarantee the consistent high quality of our products, we have no control over the circumstances in which our materials are used, site conditions or the execution of the work and are therefore unable to accept any liability for any loss or damage which may arise as a result thereof. Materials are supplied in accordance with our standard conditions of sale.

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