

QP-FIBRA

DEFINITION

QP-FIBRA AR is an alkali- and acid-resistant glass fiber produced as an assembled roving or as pre-chopped strands which are designed for use in the production of slurry surfacing paving applications.

QP-FIBRA AR glass is hydrophobic and will not increase water demand, impact workability, reduce matrix strength or increase road closure time

APPLICATIONS

In microsurfacing and slurry-seal processes, **QP-FIBRA AR** glass quickly disperses throughout the slurry surfacing matrices.

QP-FIBRA AR glass has been designed to work in conjunction with the matrices to assure excellent workability and reliable long-term performance.

BENEFITS

- ✓ Alkali-resistant glass (*)
- ✓ Easy chopping
- ✓ High split efficiency
- ✓ Excellent dispersion
- ✓ Reduced water demand
- ✓ Excellent workability
- ✓ Excellent mechanical performance
- ✓ Improved crack resistance
- ✓ Increases long-term durability



(*) Our fibers are manufactured with high zirconia content in compliance with ASTM C1666/C 1666/M-07 and EN 15422

TECHNICAL CHARACTERISTICS

Linear density of Roving (Tex) (ISO 1889 : 2009)	Linear density of Strand (Tex) (ISO 1889 : 2009)	Loss on Ignition (%) (ISO 1887 : 1995)	Moisture (%) (ISO 3344 : 1997)
2500	82	1.75	0.35 max.
4800	100	1.75	0.35 max.

- ✓ Assembled Roving
- ✓ Chopped strand
- ✓ Specific Gravity: 2.68
- ✓ Material: Alkali Resistant Glass (*)
- ✓ Softening point: 860°C – 1580°F
- ✓ Chemical Resistance: Very high
- ✓ Modulus of elasticity: 72 GPa – 10 x 10⁶ psi
- ✓ Tensile Strength: 1700 MPa – 145–250 x 10³ psi

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DOSAGE

QP-FIBRA AR glass is used in the slurry surfacing manufacturing processes with specified chopping and dispensing equipment.

The recommended dosage is 0.20 to 0.40% of dry material weight.

PACKAGING AND STORAGE

QP-FIBRA AR rovings are protected by a shrink-wrap polythene film, open at the top, which should not be removed when the product is in use. Rovings are packed on pallets.

QP-FIBRA AR chopped strands are packed in individual plastics bags. The plastic bags are packed on a timber pallet with a cardboard outer container for protection. The completed pallets are wrapped in polyethylene and identified with two labels.

QUALITY STANDARDS – CERTIFICATION

QP-FIBRA AR fibers are manufactured under a quality management system approved to ISO 9001. **QP-FIBRA AR** fibers are not classified as dangerous under Regulation 1272/2008/EC. For more information, please refer to our Safe Use Instructions Sheet.

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