



SLURRY-FIL®

Extended asphalt road life



Slurry-FIL® roving and pre-chopped fibers have been specifically designed to work in conjunction with materials commonly used in pavement preservation asphalt mixes to enhance ductility.

- ✓ Produced with alkali-resistant AR glass for peak performance.
- ✓ Similar specific gravity to aggregate, to assure quick and uniform dispersion within the matrices.
- ✓ Slurry-FIL® AR glass is hydrophobic and will not require matrix modification, impact workability, reduce matrix strength, or increase road closure time.

FOR MICRO-SURFACING AND SLURRY SEAL PAVEMENT RESURFACING APPLICATIONS

Product Benefits



Performance

- Dramatic increase in pavement flexibility
- Acid- and alkali-resistant
- Excellent dispersion
- Increased overlay ductility
- Reduced reflective cracking



Chopped

- Easy feeding through automated dispensers
- Prebagged for easy dispenser loading



Roving

- High split efficiency
- Easy chopping
- Enables optimized fiber length

Application

- In the micro-surfacing and slurry seal processes, Slurry-FIL® AR glass quickly disperses throughout the slurry surfacing matrices.
- Slurry-FIL® AR glass has been designed to work in conjunction with the asphalt matrices to ensure excellent workability and reliable long-term performance.



Technical Characteristics

ROVING

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)
4800	100	1.75	0.35 max

PRE-CHOPPED STRANDS

FIBER LENGTH	FILAMENT DIAMETER	TEX (g/km)	LOSS ON IGNITION (%) (ISO 1887:1995)	MOISTURE (%) (ISO 3344:1997)
6mm or 1/4 inch	0.21 mm	82	0.9 %	0.5 % max

- Assembled Roving
- Chopped Strand
- Specific Gravity: 2.68
- Material: Alkali-resistant glass*
- Softening Point: 860°C–1 580°F
- Chemical Resistance: Very high
- Modulus of Elasticity: 72 GPa — 10 x 10⁶ psi
- Tensile Strength: >1 000 MPa — >145 x 10³ psi

*Our fibers are manufactured with high zirconia content in compliance with C1666/C1666/M-07 and EN 15422.

Dosage

Slurry-FIL® 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 & Storage

- Slurry-FIL® 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.
- Slurry-FIL® chopped strands are packed in individual plastics bags.
- Slurry-FIL® should be stored away from heat and moisture, and in its original packaging.
- Optimum conditions are temperatures between 15 °C and 35 °C and humidity between 35% and 65%. If the product is stored at lower temperatures, it is advisable to condition it in the workshop for at least 24 hours before use to prevent condensation.

Quality Standards

- Slurry-FIL® fibers are manufactured under a quality management system approved to ISO 9001.
- Slurry-FIL® fibers are not classified as dangerous by the Regulation 1272/2008/EC. For more information, please refer to our Safe Use Instruction Sheet.
- Verified Environmental Product Declaration according to ISO 14025 and EN 15804:2019 available upon request.

**MAKE
MORE
POSSIBLE™**

Americas

One Owens Corning Parkway
Toledo, Ohio, USA 43659
+1-866-2GET-GLAS

Europe

166 Chaussée De La Hulpe
B-1170 Brussels, Belgium
+32 3 674 8211

Asia Pacific

40/F, Pudong Kerry Parkside,
115 Fang Dian Road, Pudong,
Shanghai, 201204, China
+86-21-61019666

This information and data contained herein is offered solely as a guide in the selection of product. We believe this information to be reliable but do not guarantee its applicability to the user's process or assume any responsibility or liability arising out of its use or performance. The user agrees to be responsible for thoroughly testing any application of the product to determine its suitability. Because of numerous factors affecting results, we make no warranty of any kind, express or implied, including those of merchantability and fitness for a particular purpose. Statements in this publication shall not be construed as representations or warranties or as inducements to infringe on any patent or violate any law, safety code, or insurance regulation. We reserve the right to modify this document without prior notice.

Pub. No. 10025232. Slurry-FIL® Product Data Sheet. March 2026. English. © 2026 Owens Corning. All Rights Reserved.