



# 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 Owens Corning® 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.

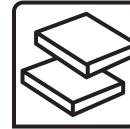
## FOR MICRO-SURFACING AND SLURRY SEAL PAVEMENT RESURFACING APPLICATIONS

### Product Benefits



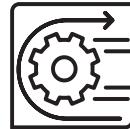
#### Performance

- 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

### Applications

- 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)
6 mm/¼"-½"	14µm/0.000546"	82	0.85	0.50 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 10<sup>6</sup> psi
- **Tensile Strength:** >1,000 MPa – >145 x 10<sup>3</sup> 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.



### Americas

**Owens Corning Composite Materials, LLC.**  
One Owens Corning Parkway  
Toledo, OH 43659 USA  
1-800-GET-PINK®

### Europe

**European Owens Corning Fiberglas Sprl.**  
166 Chaussée de la Hulpe  
B-1170 Brussels  
Belgium  
+32 3 674 8211

### Asia Pacific

**Owens Corning Shanghai Regional Headquarters**  
40/F, Pudong Kerry Parkside,  
115 Fang Dian Road, Pudong,  
Shanghai, 201204, China  
+86-21-6101 9666

<https://www.owenscorning.com/composites> | [Composites@owenscorning.com](mailto:Composites@owenscorning.com)

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