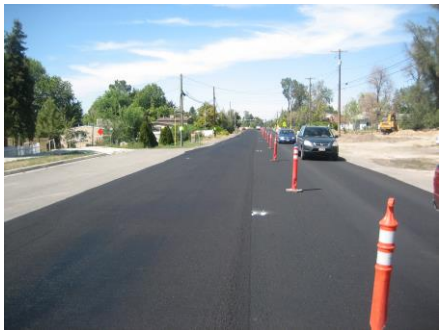
Slurry-FIL™ Case Study: Geneva Road, Orem Utah, USA

Since their development and launch in 1970, alkali-resistant glass fibers have been used in more than 120 countries to reinforce cement and concrete products.

Slurry-FIL™ 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.

PROJECT DETAILS



Actors	**Owner**	Utah Department of Transportation (UDOT)
	Contractor	Intermountain Slurry Seal (Granit Rock)
Project	**Location**	Geneva Road, Orem Utah, USA
	Date	September 2012
	Type	Slurry Seal Paving (Cement 1%)
	Paving details	Paving depth ½”
	Project details	10 lane miles, in which 700 tons dry materials were used
Fibers	**Product**	Slurry-FIL™ 2400 Tex Roving
	Target addition rate	0.2% of material dry weight
	Actual addition rate	0.17% – approximately 2700# (1 225 kg) were used on project
Slurry-FIL™	**User friendly**	Roving chopped and dispersed quickly throughout matrix
	Excellent workability	Fibered material was easy to move with rake
	Reduced water demand	Material did not need additional water to achieve good workability
	Improved set time	Fiber support system allowed for a earlier road reopening
	Service benefits	Improved crack resistance and long term durability

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