Slurry-FIL™ Case Study: Austin, Texas, 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**	City of Austin, Texas
	Contractor	Ballou Pavement Solutions Inc., Salina, Kansas
	Supporting Roles	MWV Speciality Chemicals, VM Fiber Feeders
Project	**Location**	Various neighbourhood locations, Austin, Texas
	Date	November 2012
	Type	Slurry Seal Paving (Cement 1%)
	Paving details	Paving depth ½”
	Project details	4 to 5 miles, in which 350 tons dry materials were used
Fibers	**Product**	Slurry-FIL™ 2400 and 4800 Tex Roving
	Target addition rate	0.22% of material dry weight
	Actual addition rate	0.2% – approximately 1400# (635 kg) were used on project
Slurry-FIL™ fibers	**User friendly**	Roving chopped and dispersed quickly throughout matrix
	Excellent workability	Fiber reinforced Micro Surfacing flowed effortlessly
	Reduced water demand	Mix design did not need additional water to achieve good workability
	Improved set time	There were no delays in reopening streets
	Service benefits	Reduced reflective cracking and improved long term durability

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