



SAMI SOLUTIONS

SAMI FricSeal



FricSeal Solution No. 1

The ideal road surface treatment

New SAMI FricSeal Superthin Asphalt restores road surface texture and ride quality - quickly and economically



SAMI's FricSeal combines a high performance bituminous binder with selected aggregates. The thin layers (from 20m) contain a high proportion of coarse aggregate which forms a stone skeleton producing strong structural stability and durability. Because only around 20mm is required there is a significant cost saving in materials against applying a traditional 40-60mm.

An Economical Solution to Botany Council's Road Maintenance Problems

"SAMI's unique FricSeal was the ideal alternative to straight mill and re-sheet", says David Crompton, Engineer Storm Water and Infrastructure, Botany City Council, "Evans Avenue Eastlakes gets a lot of heavy traffic, especially as it's a bus route. There were longitudinal cracks starting to appear so we thought it wise to do some "top up" maintenance now, before the pavement deteriorated into a more costly, major repair job.

"We were delighted with SAMI's FricSeal process. The quality of

the finish was excellent. And the turnaround time was extremely low.

"It has been over six months since it was done and has obviously stood the test of time -especially considering the punishment it gets from the buses!

The SAMI team were very professional. They were always prompt in getting back to me and the job began and finished spot on time, as promised".

Suitable for Rigid and Flexible Pavements

FricSeal provides a uniform, even textured finish for all classes of roads. It also reduces reflective

cracking.

Ideally, is best suited to structurally sound pavements which require a durable and economical treatment to restore surface texture and ride quality.

FricSeal is laid with a conventional paver and can be used in conjunction with the HIPAR (Hot In-Place Asphalt Recycling) process.

A Unique Problem

"Ours is a very old area. Many of our roads, especially in Newtown and Erskineville, are laid on a clay base", commented Mr. Ben Blier, of the South Sydney Council's Construction

SAMI's FricSeal solves problems for the South Sydney Council



Branch. That sort of base won't handle the rigors of traditional grinding when surface repairs are required".

"SAMI's FricSeal process is ideal. It looks and performs like normal asphalt, rolls out as a very thin 20mm layer which is then ready, open to traffic! It even comes with a two year warranty', said Mr. Blier. 'And it's friendly to the environment - there's no dumping of waste grindings required. That's also a huge cost saving to the Council".

Mr. Blier added, "We have used various SAM I products for many years and we've always been delighted with the result. The SAM I team is very professional, very thorough and easy to work with".

Clear Advantages to The Motorist

SAMI's FricSeal enables the newly restored pavement to be opened to

traffic as soon as rolling is completed. It also provides high initial skid resistance and generates less tyre noise when compared to traditional surfacing materials.

In wet weather, FricSeal's open texture provides surface drainage, reducing spray and headlight dazzle. Best of all, FricSeal can quickly provide a smoother ride!

Clear Advantages to Pavement Engineers and Councils

SAMI's FricSeal utilises SAMIcel three dimensional fibre reinforcement to create a microskeleton within the mix. This increases binder viscosity and keeps the binder on the aggregate, thus preventing drain-down.

SAMI's FricSeal combines a high performance

polymer modified bituminous binder with selected aggregates. The thin layers (from 20mm) contain a high proportion of coarse aggregate which forms a stone skeleton producing strong structural stability and durability. Because only around 20mm is required there is a significant cost saving in materials against applying a traditional 40-60mm layer.

FricSeal allows minimal disruption to traffic because it can be quickly and easily applied and is ready for vehicles as soon as rolling is completed.

SAMI's FricSeal process is environmentally friendly in that no grindings need to be disposed of. This also saves the Council substantial handling, carting and dumping costs.

Our thanks to Mr. Ben Blier from South Sydney Council and Mr. David Crompton of Botany City Council, Sydney.



For further information on any of the products featured in this Case Study or any of SAMI's other specialist road maintenance products and services, please contact:

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