



# SAMI SOLUTIONS

## SAMlprime



SAMlprime Solution No. 1

## SAMlprime meets Sydney's M2 Motorway specifications

A Quick Dry Primer, SAMlprime penetrates the fine pores of concrete and steel, filling them with a residual deposit of rubber.



*SAMlprime was selected as primer on the concrete road base of the M2 Hills Motorway project in Sydney. Applied by a conventional bitumen sprayer, an area of over 600,000m<sup>2</sup> was primed - at a rate of 30,000m<sup>2</sup> per day!*

### "It Sticks to Concrete and Steel Like Nothing Else!"

This is how Boral's Ken Wonson described the unique properties of SAMlprime penetrating Quick Dry Primer. Ken is General Manager Technology, Boral Asphalt, who were the asphalt paving contractors for the M2 Motorway project.

"With SAMlprime we got good adhesion between the concrete (road base) and the asphalt", said Ken. "We were delighted with the quality of the product and particularly pleased with SAMI's service. They always responded promptly".

"I have used a variety of SAMI products for over ten years now.

Always excellent quality. Always professional service. The M2 project was no exception".

### Over 600,000m<sup>2</sup> Sprayed!

The sheer volume of the task and the tight deadlines, meant that the SAMI team needed to apply 30,000m<sup>2</sup> of primer each day - a demanding target, which they comfortably met.



Before SAMIprime could be applied to the concrete base of the M2 Motorway, a wax membrane, which had been sprayed over the concrete to assist in its curing, had to be removed.

### The Superior Adhesion Qualities of SAMIprime

SAMIprime is a specially prepared primer containing an SBS rubber bitumen base that offers superior adhesion properties. It penetrates the fine pores of concrete or steel, filling them with a residual deposit of rubber. It will even penetrate and bind the excess lime in Portland cement.

SAMIprime is designed specifically for use on concrete surfaces or bridge

decks prior to applying a waterproofing membrane or stress alleviating membrane interlayer.

### Quick Drying

SAMIprime is dry within an hour, ready to accept the waterproofing membrane. On the massive M2 Motorway project, this is estimated to have saved the paving contractor considerable time and man-hours.

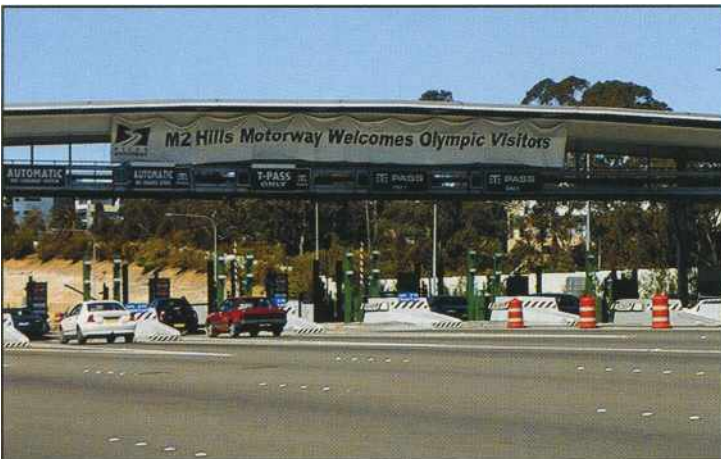
Before SAMIprime could be applied to the concrete

base of the M2 Motorway, a wax membrane, which had been sprayed over the concrete to assist in its curing, had to be removed. This would then allow the primer to penetrate the concrete surface. This work was carried out by the SAM I Road Services team who offer supply and spray options of both SAMIprime primer and SAMIseal waterproofing membrane.

*Our thanks to Mr. Ken Wonson of Boral Asphalt.*

*For further detail, please refer to SAMI Pty. Ltd.'s Technical Bulletin #35.*

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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,

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