



TECHNICAL BULLETIN #35

SAMlprime

SAMI Bitumen Technologies

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Description

SAMlprime is a specially prepared and compatible primer containing an SBS rubber Bitumen base in a low viscosity solvent entrained form.

It is designed as a prime for use on concrete or steel.

It penetrates the fine pores of concrete or steel, filling them with a residual deposit of rubber. The solvent carrier is also designed to penetrate and bind excess lime or cement in concrete surface layers.

The prime is highly flammable, so that appropriate precautions are necessary during its use, as per the company's Material Safety Data Sheet.

Preparation for Use

After cleaning and drying the surface, SAMlprime is sprayed at the rate of between 0.3 and 0.4 litres per m², though this depends on the porosity of the concrete or surface texture of the steel. When cured, the SAMlprime will have dried, turned from a dark brown to black in colour, and be ready for an AC overlay, waterproofing membrane application or joint sealing. Curing will take between 15 – 60 minutes depending on pavement surface temperature and climatic conditions.

It is recommended that specifications include that there be no rain or water on a concrete surface during the last 24 hours before priming and sealing and that the surface be dry and clean of dust and oil residue.

NOTE: *Whilst every care is taken in the preparation of this bulletin, no responsibility is accepted for the interpretation of the information contained herein, nor is any warranty expressed or implied for the suitability of the material for a particular purpose.*