



ISO 9001  
SAMI Global



## TECHNICAL BULLETIN # 01

## SAMI Bitumen Technologies

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# SAMI PAVING GRADE BITUMEN

## SAMI Class 170, Class 240, Class 320, Class 450 and Class 600

### Description

SAMI Class 170, Class 240, Class 320, Class 450 and Class 600 bitumen are Australian paving grade bitumen classified on their viscosity at 60°C. These grades are widely used in sprayed sealing and asphalt applications.

### Features

SAMI Class 170 bitumen is generally used for sprayed sealing. In colder regions of Australia the binder is used in asphalt application on low trafficked roads as a fatigue mix. It is used in the manufacture of modified bitumen. SAMI Class 320 bitumen is widely used in asphalt application and also used as a sprayed seal binder where average pavement temperatures are high. Class 240 is generally specified for sprayed sealing by certain states of Australia while Class 450 (also known as Class AR450) is the bitumen of choice for asphalt manufacture in the state of New South Wales and is used in wearing course and base course. Class 600 is a high stiffness binder and used in base course mixes.

### Specification

All SAMI grades are manufactured to meet the AS2008 specification for bitumen grades

### Manufacture and Delivery

SAMI Paving Bitumen are supplied from our facilities at Sydney, Brisbane, Perth and Melbourne.

### Storage/Heating

Recommended storage times and the corresponding temperatures are as follows:

Description	Storage Temperature, °C	Maximum Storage Time, days
Storage at spraying temperature	175 - 185	5
Storage at mixing temperature	140 - 170	10
Medium – Term storage	120 - 140	30

For storage of binders for periods longer than those listed above please contact SAMI Bitumen Technologies. Longer storage times apply for lower storage temperatures.

**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 application.