

PRODUCT DATA SHEET



PRODUCT NAME: SAMIseal S45R

DESCRIPTION

SAMIseal S45R is a preblended crumbed rubber modified binder used extensively in sprayed sealing. It is manufactured from rubber recovered from old tyres using a proprietary process that ensures a homogeneous and a storage stable product if handled correctly.

FEATURES

- The high viscosity of SAMIseal S45R allows higher binder application rates than bitumen without the risk of flushing;
- Excellent aggregate retention;
- Improved crack retardation;
- Longer seal life.

APPLICATIONS

Used in High Stress Seals (HSS), Extreme Stress Seals (XSS) and Strain Alleviating Membrane (SAM) applications.

TECHNICAL PROPERTIES

PROPERTY	UNIT	TEST METHOD	TYPICAL VALUES	Specification (Austroads ATS 3110)
Viscosity at 165°C	Pa.s	AGPT/T111	0.9 – 1.3	Max. 4.5
Torsional Recovery at 25°C, 30s	%	AGPT/T122	29 - 47	25 - 55
Softening Point	°C	AGPT/T131	58 - 62	55 - 65
Consistency 6% at 60°C	Pa.s	AGPT/T121	950	Min. 800

STORAGE, HANDLING & USAGE

- The product requires constant circulation to maintain homogeneity;
- Never heat SAMIseal S45R above 200°C in storage;
- SAMIseal S45R may be stored for up to 2 days at a temperature of 185 - 195°C;
- For periods exceeding 2 days the temperature must be reduced to 120 - 140°C for a maximum of 4 days
- When re-heating SAMIseal S45R, heat and circulate at a maximum rate of 10°C per hour;
- A minimum pavement surface temperature of 20°C is recommended for spraying SAMIseal S45R with cutter;
- The amount of cutter would be determined by local weather conditions and SRA guidelines;
- A minimum pavement surface temperature of 45°C is recommended for spraying SAMIseal S45R without cutter
- The minimum recommended spraying temperature is 190°C.

AVAILABILITY

A minimum 6 tonnes quantity on order in all the States and Territories.