

PRODUCT DATA SHEET



PRODUCT NAME: SAMIfalt CRUMBflex

DESCRIPTION

SAMIfalt CRUMBflex is a hybrid binder modified with Crumb Rubber and Styrene-Butadiene-Styrene (SBS) polymer. It retains the performance, stability, and workability of an SBS polymer-modified binder while adding the elasticity and environmental benefits of Crumb Rubber.

FEATURES

- Formulated to meet Australian road binder specifications;
- Crumb Rubber content approximately 50% more than SBS content;
- Resistance to crack propagation and decreased moisture sensitivity;
- Low temperature susceptibility;
- Very good storage stability and excellent workability;
- Works in any mix.

APPLICATIONS

Used generally in all types of hot asphalt mixes, such as Dense Graded (DG), Open Graded (OG), Stone Mastic Asphalt (SMA).

TECHNICAL PROPERTIES

PROPERTY	UNIT	TEST METHOD	Typical VALUES
Softening Point	°C	AGPT/T131	95
Consistency 6% at 60°C,	Pa.s	AGPT/T121	1200
Stiffness at 25°C,	kPa	AGPT/T121	22
Torsional Recovery at 25°C,	%	AGPT/T122	65
Viscosity at 165°C	Pa.s	AGPT/T111	0.85

STORAGE, HANDLING & USAGE

- Never heat the SAMIfalt CRUMBflex above 200°C;
- SAMIfalt CRUMBflex may be stored for up to 7 days at 160 - 175°C;
- For periods exceeding 7 days the temperature must be reduced to 130 - 150°C. The binders can be kept at this temperature for up to 14 days without deterioration of binder properties;
- When re-heating SAMIfalt CRUMBflex, heat and circulate at a maximum rate of 10°C per hour.

AVAILABILITY

Available in bulk (minimum 6 tonnes) on order in all the States and Territories.