

PRODUCT DATA SHEET



PRODUCT NAME: SAMIfloat

DESCRIPTION

SAMIfloat is a high-float-polymer-modified cationic bitumen emulsion that is designed to be used in surface treatments such as graded seals and spray sealing applications. **SAMIfloat** creates a gel-like structure in the binder residue after the water evaporates. This permits a thicker binder film on the pavement surface to reduce the risk of runoff, resulting in better aggregate coating and lower moisture susceptibility. The thicker binder film will create surface treatments with higher durability and longer lifespans.

FEATURES

- SAMIfloat residue gel structure allows for the spraying of higher emulsion application rates without the risk of runoff.
Allows the usage of graded aggregate for surfacing gravel roads **without using cutters resulting in high-performing** surfacings.
- Produces adequate wetting and good contact with dusty aggregates while providing good adhesion to substrates, whether they are bituminous or granular.
- High cohesive strength imparted by the polymer, rapidly developing early stone retention in the new seal.
- Can be applied all year round (application at night-time during winter not recommended).
- Lower spray temperatures compared to hot binder (75-80°C).

APPLICATIONS

SAMIfloat is primarily used in graded seals and other spray seal applications.

TECHNICAL PROPERTIES

PROPERTY	UNIT	TEST METHOD	Typical VALUES	Specification
Residue from evaporation	%mass	AS/NZS 2341.23	70	67 min
Sieve Residue (710µm)	% mass	AS/NZS 2341.26	0.02	0.25 max.
Viscosity at 60°C	Pa.s	AS/NZS 2341.4	0.7	Report
pH	-	AS 2341.32	2.5	Report

STORAGE, HANDLING & USAGE

- SAMIfloat can be stored for up to 3 weeks provided storage tanks are cleaned prior to use, have adequate heating capability, and are filled to maximum capacity whenever possible. Once SAMIfloat is in long storage, allow the product to cool to ambient temperature and only re-heat just prior to use. Slow circulation is necessary when re-heating provided the temperature is above 60°C.

AVAILABILITY

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

Disclaimer: Whilst every care is taken to provide accurate information, it is intended as a guide only and no responsibility is accepted nor is it warranted suitable for a particular application.