

SAMIFLOAT

CATIONIC POLYMER MODIFIED
HIGH FLOAT EMULSION

- High float properties
- Thixotropic gelly structure
- Forgiving solution for spray sealing



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FEATURES

High float properties

The residue of SAMIFloat has greater resistance to flow at high road temperatures, making it less temperature susceptible and offering superior performance to conventional emulsions.

Thixotropic gelly structure

SAMIFloat's gel-like structure, formed by special polymers and additives in the bitumen emulsion, enhances binder adhesion, prevents run-off, and reduces aggregate loss in early spray seal life.

Forgiving solution for spray sealing

SAMIFloat can replace hot modified binders for spray sealing and primer sealing in winter, offering a safer alternative to using kerosene as a cutter.

DESCRIPTION

SAMIFloat is a high residual cationic polymer-modified rapid-setting bitumen emulsion with thixotropic properties, making it ideal for constructing Reseals, Primerseals and Graded aggregate seals in winter. The binder residue

1. remains non-brittle in cold weather
2. is resistant to flow at high road temperatures
3. reduces the risk of emulsion runoff
4. creates a thicker film around the aggregate to provide a more durable seal.

Its gel-like structure, formed by special polymers and additives, enhances binder adhesion and cohesion built up which reduces the risk of early aggregate loss when the spray seal is opened to traffic. SAMIFloat is versatile and is able to coat and adhere to dusty aggregates.

It eliminates the need to add petroleum cutters to reduce the viscosity of hot binders prior to spraying and pre-coating the aggregate. Spraying SAMIFloat requires less heating than hot cutback binders making it a more environmentally friendly and sustainable solution.

APPLICATIONS

SAMIFloat is a safer alternative solution to spraying hot modified binders and cutbacks for sealing applications such as Primerseal, Spray seal, and Graded seal.

TECHNICAL PROPERTIES

| PROPERTY | UNIT | TEST METHOD | TYPICAL VALUES | INTERNAL SPECIFICATION |
|---------------------------------|------|----------------|----------------|------------------------|
| Residue from evaporation (mass) | % | AS/NZS 2341.23 | 70 | Min. 67 |
| Sieve residue (710 µm) | % | AS/NZS 2341.26 | 0.02 | Max. 0.25 |
| Viscosity at 60°C | Pa.s | AS/NZS 2341.4 | 0.7 | Report |
| pH | - | AS/NZS 2341.32 | 2.5 | Report |



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