

PRODUCT DATA SHEET



PRODUCT NAME: SAMIfalt B380

DESCRIPTION

The binder designated as SAMIfalt B380 is a low level polymer modified binder of specific elasto-plastic characteristics specifically developed for airport applications.

FEATURES

- Resistance to deformation (shoving and rutting);
- Fatigue resistance;
- Resistance to crack propagation (reflective cracking);
- Low temperature susceptibility (improved performance in higher and lower temperature regions/extremes);
- Due to low level modification, very good storage stability and workability.

APPLICATIONS

Used primarily in airport applications.

Also 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 | Specification |
|---------------------------------|------|-------------|----------------|---------------|
| Viscosity at 165°C | Pa.s | AGPT/T111 | 0.42 | 0.40 – 0.55 |
| Torsional Recovery at 25°C, 30s | % | AGPT/T122 | 33 | 25 - 35 |
| Softening Point | °C | AGPT/T131 | 63 | 60 - 70 |
| Consistency at 60°C | Pa.s | AGPT/T121 | 2500 | 1500 - 3500 |

STORAGE, HANDLING & USAGE

- Never heat the SAMIfalt B380 above 200°C;
- The SAMIfalt B380 may be stored for up to 4 days at 160 - 175°C;
- For periods exceeding 4 days the temperature must be reduced to 120-140°C. The binder can be kept at this temperature for up to 14 days without deterioration of binder properties;
- When re-heating the SAMIfalt B380 binder, 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.