

PRODUCT DATA SHEET



PRODUCT NAME: SAMIflex E HR range

DESCRIPTION

SAMIflex E HR is a series of Polymer Modified cationic bitumen emulsions for spray sealing applications used as an alternative to hot modified binders or conventional bitumen. Polymer modification can be up to 7%, and the solids content is normally in the range of 75% to 78%.

Specific site requirements will determine the degree of polymer modification required.

SAMIflex E HR range and equivalent Austroads spray sealing grades

SAMIflex E30 HR equivalent to S10E

SAMIflex E40 HR equivalent to S15E

SAMIflex E50 HR equivalent to S20E

SAMIflex E60 HR equivalent to S25E

SAMIflex E35 HR equivalent to S35E

FEATURES

- Elimination of fuming
- Nonhazardous
- Applied at relatively low temperature (85 - 95°C)
- The water present in the emulsion assists with aggregate wetting and adhesion
- Can be applied all year round (however, application at night-time during winter not recommended)
- Less sensitive to moisture in the surface layer at the time of the application

APPLICATIONS

Used as High Stress Seals (HSS), Strain Alleviating Membrane (SAM) and Strain Alleviating Membrane Interlayer (SAMI).

Essentially used in all the spray sealing application as a function of the required Austroads grade.

SAMIflex E30HR is primarily used in primer sealing (initial seals) applications.

STORAGE, HANDLING & USAGE

- SAMIflex E HR range of emulsions 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 a SAMIflex E HR emulsion is in 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 70°C.
- Minimum pavement temperature at the time of application should be 5°C and rising and it may be applied in damp conditions, but not wet or raining.

AVAILABILITY

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