

TECHNICAL DATA SHEET

STABIRAM® EB

ANIONIC EMULSIFIER FOR BITUMEN EMULSION

STABIRAM® EB is an anionic emulsifier for bitumen emulsion. It can also be used as an anti-stripping agent in fluxed bitumen for surface dressing and hot mixes with limestone aggregates.



Surfactant Applications

- Grave-emulsion / recycling / FDR/ CIR / CCPR
- Hot mix Asphalt additives
- Industrial coatings / non paving application
- Prime coat
- Surface dressing / Chip Seal
- Tack coat / Fog seal

Type of emulsion

- SS

FEATURES & BENEFITS

- Easy use: The product STABIRAM® EB provides a very good emulsification with a low particle size.
- Polyvalent product: This product can be used for different applications as anti-stripping agent and emulsifiers.
- As an emulsifier: it can be used in applications such as tack coat: prime coat and roofing.

COMMERCIAL SPECIFICATIONS

PROPERTY	VALUE	METHOD
Acid Index 1	190 - 200 mg KOH/g	IM 006

USAGE RECOMMENDATIONS

For emulsion, soap production is done by dispersing the product in hot water after the addition of caustic base soda.

For anti-stripping applications, the recommended dosage of STABIRAM® EB is 0.30 % directly added in bitumen for hot mix applications with calcareous and silico-calcareous aggregates.

Tack coat emulsion

60% Bitumen

1.8% STABIRAM® EB

NaOH for pH=11

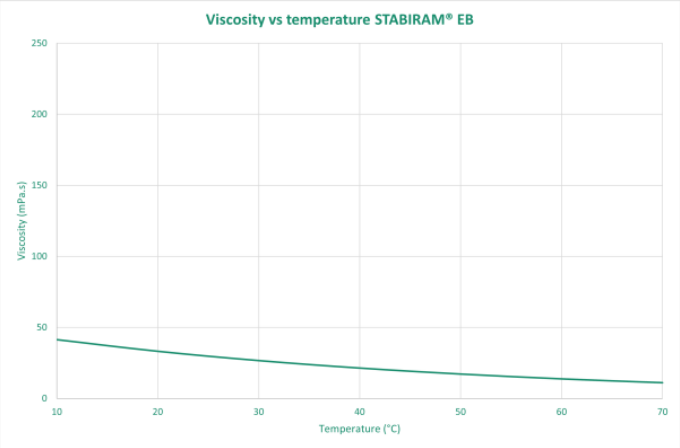
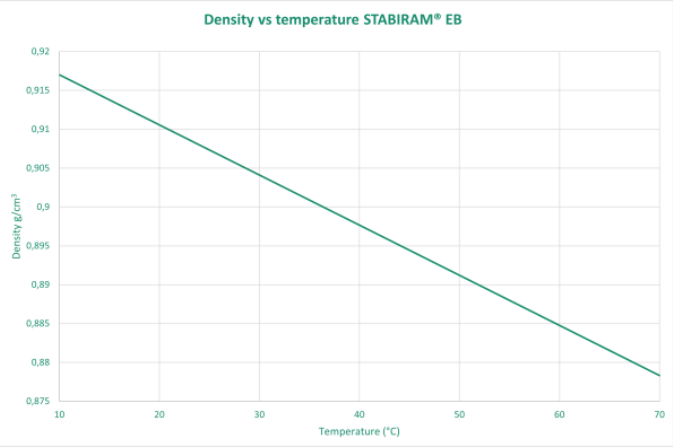
Water to 100%

TYPICAL PHYSICAL CHARACTERISTICS*

PROPERTY	VALUE	METHOD
Appearance	Liquid	
Density (20°C/68°F)	0.91 g/cm³	IM 190
Viscosity (20°C)	30 mPa.s	IM 172
Flash point	>100 °C	IM 197
Solidification point	0 °C (32 °F)	IM 055

* The data reported are typical and not specifications. Typical ranges for density and viscosity values are ± 2% and ± 20%.

PHYSICAL PROPERTIES



STORAGE AND HANDLING

It is preferable to store the product product in a ventilated and temperate place for easier use. In the event of long storage at low temperature (<10°C), it is then recommended to reheat and homogenize the product.

PACKAGING

- Drum 180 Kg
- IBC 900 Kg

Headquarters: Arkema France
51, Esplanade du Général de Gaulle
92800 Puteaux – France
T +33 (0)1 49 00 80 80