PRODUCT DATA SHEET

PRODUCT NAME: Anionic Emulsions

DESCRIPTION ⌄

SAMI Bitumen Technologies supplies a full range of standard grade anionic emulsions.
This includes Anionic Rapid Set (ARS), Anionic Medium Set (AMS) and Anionic Slow Set (ASS).

FEATURES ⌄

- The whole range of standard anionic emulsions can be manufactured with varying residual bitumen content
- No heat degradation during transport or storage of the binder
- Improved aggregate embedment and adhesion
- Can be applied all year round (application at night-time during winter not recommended)
- Elimination of fuming

APPLICATIONS ⌄

Standard grade anionic emulsions can be used for a wide range of applications, such as tack coating, spray sealing, stabilisation and dust suppression.

TECHNICAL PROPERTIES ⌄

PROPERTY	UNIT	TEST METHOD	TYPICAL VALUES	SPECIFICATIONS
Residue from evaporation	% Mass	AS/NZS 2341.23	61.0	60, minimum
Consistency at 25°C	°Engler	AS 2341.25	7.0	3.5 – 8.0
Particle charge	-	AS/NZS 2341.22	Negative	Negative

STORAGE, HANDLING & USAGE ⌄

- The standard grade emulsions should be stored in between 10°C and 85°C, depending on the intended use and specific product
- Because stored emulsions tend to skin on surface, it is best to use vertical tanks rather than horizontal tanks
- The emulsions must be recirculated at regular intervals and reheating must always take place under gentle agitation; do not heat at a greater rate of 10°C per hour and never heat above 95°C
- When diluting bituminous emulsions with water always add water slowly to the bituminous emulsions. If possible, use warm water for diluting
- Never add the bituminous emulsion to a tank of water when diluting
- Check the compatibility of the water with the emulsion by testing a small quantity

AVAILABILITY ⌄

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