



PAVEMATE

Asphalt Mix Additive

Product Description

Pavemate is surfactant type additive for both hot and warm mix asphalt. The product is a liquid blend of fatty acid derivatives, with a unique formulation that includes antistripping properties. Pavemate is an ideal compaction aid, offering economic, operational and environmental benefits while delivering improved asphalt performance.

Attributes

- ❖ Enables lower compaction temperatures during asphalt paving operations
- ❖ Enables lower temperatures during asphalt manufacture
- ❖ Improves resistance to stripping compared to hydrated lime
- ❖ Can reduce air voids in asphalt

Key Benefits

- ❖ Approved by Vic. DTP for use in PMB mixes.
- ❖ Supported by technical reports and laboratory results based on C450 and A10E
- ❖ Can expand market reach by allowing longer haulage distances
- ❖ Can extend paving season into cooler months
- ❖ Can lengthen workable hours in the day
- ❖ Improved workability
- ❖ Can help lower energy consumption at the point of asphalt manufacture
- ❖ Can result in reduced odours at the plant
- ❖ Improved work conditions
- ❖ Can assist in reducing greenhouse gas emissions
- ❖ Australian owned and made supporting Australian manufacturing



PAVEMATE †

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Chemico-Physical Properties

Description		Oleyl Imidazoline
Appearance (20°C)		Oily liquid
Solids by weight (%)		100
Water (%)		< 1
Specific Gravity (20°C)		0.97
Odour		Amine
Amine Value (KOH/g)		700
Pour Point (0°C)		< 5
Flash Point (0°C)		> 150
Viscosity (cSt @ 20°C)		~125

Suggestions for Use

It is recommended that Pavemate be incorporated into the binder at the asphalt plant immediately prior to mixing with the aggregate.

At 0.3% w/w of the binder, Pavemate provides an equivalent compaction temperature above 110°C compared to a standard compaction of 150°C with TfNSW C450 AC 14 asphalt mix[#].

At 0.5% w/w of the binder, Pavemate provides an equivalent compaction temperature of about 140°C when compared to a standard compaction of 160°C with VIC DTP AE10 AC 14 VP asphalt mix[#].

Storage & Handling

Corrosive product - Wear protective gloves and safety goggles. See Safety Data Sheet for further information

Pavemate may be stored up to 12 months when kept in sealed containers between 4° and 50°C. Avoid freezing or prolonged storage at high temperature.

Avoid exposure to air for prolonged periods as a film or crust may form on the product Surface

Packaging

20L, 200L, 1000L, Bulk

Other Asphalt Products

Aggrebond PC – 100% active bitumen adhesion agent. (NSW, ACT, VIC, TAS, SA, WA, NT)

Aggrebond SS – 40% active bitumen adhesion agent. (NSW, ACT, VIC, TAS)

Aggrebond Platinum[†] – 100% active bitumen adhesion agent. (Qld)

SLIPWAY[†] Heavy Duty Slip agent for bitumen trucks

SLIPWAY[†] Light General purpose truck slip emulsion / Rubber roller anti-stick agent

DISPERSOL LITE A[†] - Heavy duty industrial cleaner for wax, bitumen & grease.

[†] Trademark used under license

[#] Detailed technical report available on request

The Company

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