

AGGREBOND⁺ SS

Bitumen Adhesion Agent

Product Description

Aggrebond SS is soluble 40% active fatty acid amine adhesive / anti-stripping agent designed for use as an additive to bitumen to improve binder / aggregate adhesion in spray seal surface dressings.

Attributes

Aggrebond SS can reduce stripping by overcoming the poor bond between the binder and aggregate that can occur due to the presence of moisture or dust at the interface of the two surfaces. The product can also reduce stripping caused by the weak chemical attraction that can occur between the binder and the aggregate due to incompatible polarities.

Aggrebond SS has been specifically designed with dipolar molecules allowing one end to combine with the bitumen while the other end forms an electrochemical bond with the aggregate. During this process, moisture is displaced and once the Aggrebond SS has adhered to the aggregate the asphalt resists stripping by water.

Key Benefits

- ◆ Aggrebond SS conforms to RMS QA Specification 3259 and 3269
- ◆ High performance & Cost effective
- ◆ Good heat stability in hot bitumen
- ◆ Can offer a lower binder requirement resulting in lower construction costs.
- ◆ Can provide improved adhesion performance in damp conditions.
- ◆ The effect of reduced stripping of aggregate over the long term can extend road life and result in lower maintenance costs.
- ◆ Classified as Dangerous Goods Class 9 but only when transported in bulk or by air or sea. Environmentally Hazardous Substances meeting the descriptions of UN 3082 are not subject to the Australian Dangerous Goods Code (See 3.3.3 SP No. AU01) when transported by road or rail in IBCs or packages less than 500L.
- ◆ Low odour and unobtrusive to operators and personnel

AGGREBOND[†] SS

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Suggestions for Use

Aggrebond SS should be generally applied at a rate of 0.5% by mass to the binder.

Application rates may be increased to 1% for difficult aggregates known to have high stripping tendencies or when using Polymer Modified Bitumen.

Dosage rates are based on original compliance testing results. Individual lab testing is recommended for optimization of levels on actual local aggregate.

In-tank mixing of the product can be achieved by simple pump circulation.

Note: Industry standards and specifications for application take precedence and should always be adhered to where applicable.

Physical Properties

Appearance	Amber liquid*
Active Content	40%
Specific Gravity (20°C)	0.88
Odour	Amine
Pour Point	<4°C*
Flash Point	>61°C

* The product may become hazy and form some sediment when stored at low temperature during colder months. It remains chemically unchanged and can continue to be used normally.

The Company

Victorian Chemical Company is committed to providing quality products and professional and friendly service, that our customers can confidently rely on to add value to their businesses. In order to achieve this goal we will continue to develop, our understanding of our customer's requirements, the operations of our company and our technical expertise.

Storage & Handling

Aggrebond SS may be stored up to 12 months when kept between 4°C and 35°C.

Avoid freezing and prolonged exposure to heat.

Refer to MSDS at www.vicchem.com

Packing

Available in: 200 Lt. Drums
1000 Lt. IBC's
Bulk Delivery

Other Vicchem Products

AGGREBOND[†] PC 100% adhesion / antistipping agent for bitumen and precoat.

SLIPWAY[†] HEAVY DUTY Truck slip agent to prevent asphalt from sticking to truck trays

SLIPWAY[†] General purpose truck slip emulsion

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

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