



## **PRODUCT INFORMATION SHEET**

### **Product: Aggbind Exp- 75**

Aggbind Exp 75 is a specially formulated bitumen adhesion agent used to provide optimum adhesion in the presence of moisture or advance the adhesion of aggregates that have an inferior affinity for bitumen.

Using Aggbind Exp 75 greatly improves the resistance to stripping of bitumen seals even when using aggregates that include acidic or quartz rich materials such as quartz, quartzite, granite and some river gravels. These aggregates are generally high in silica content and present a higher risk of stripping.

Other benefits using Aggbind Exp 75 are its pourability, effectiveness, heat stability, low settlement and cost performance.

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### **PHISICAL PROPERTIES / DECRPTION**

Specific gravity @25 C	0.86
Flash point	>140°C
Colour / Odour	Gold to off yellow (ammonia odour)
Decomposition Temp:	>250°C

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### **APPLICATION RATES:**

#### **Spray Sealing**

The general application rate for the use of Aggbind Exp 75 is 0.5 % by mass, with difficult aggregates known to possess high stripping tendencies; the concentration should be increased to 1.0%.

The dosage of anti-stripping agent should generally be doubled when using Polymer Modified Binders, but limited to 1.5% maximum for problem aggregates.

It is recommended that laboratory testing be performed on local aggregates to determine more accurately the optimum concentration required.

This testing should comprise bitumen stripping tests using Test Method Q212C over a range of Aggbind Exp 75 concentrations (0.5%-1.00%).

#### **Precoats**

The addition of an average 0.9 % -1.5% should be used in Precoat blending dependent upon various Council and Main Roads requirements.

#### **Product Synopsis**

Product	Pourability (%)	Settlement (%)	Amine Value		
			Total	Tertiary	Tertiary (% of total)
Aggbind EXP 75	100	<1.0%	190	4.75	>1.5

**Packaging:** 20 litre, 205 litre drums, 1,000 litre pallecons and bulk.

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