

Technical Data Sheet

Viva Bitumen Precoat

Fluxed precoat



Description

Viva Bitumen Precoat is a scientifically formulated blend of bitumen, fluxing medium and a unique “anti-stripping” agent that has been designed to optimise adhesion between aggregate and binder.

Performance features

Precoating of aggregate with Viva Bitumen Precoat promotes good adhesion between the aggregate and binder at the time of road construction because of the following

- It counters the effects of hydrophilic (water loving) properties of aggregates and permits satisfactory adhesion of the binder, even when moisture has been deposited on the aggregate after it has been precoated.
- It counters the effect of dust by readily coating the individual dust particles and facilitates better adhesion of the binder.

Summary of benefits

Advantages of using Viva Bitumen Precoat:

- Construction costs can be less because lower rates of binder application are able to be achieved.
- Damp conditions will have substantially less effect on adhesion performance and cause fewer delays in road laying.
- Maintenance costs will be less as long term aggregate loss is reduced.
- Viva Bitumen Precoat colour allows easier identification of treated stockpiles
- Viva Bitumen Precoat compares favourably in terms of cost and performance compared to diesel and other precoating materials
- Viva Bitumen Precoat has a good storage life (6 months).

Applications

Viva Bitumen Precoat may be applied to either dry damp or dusty aggregate. Once precoated, aggregate may be used immediately with both emulsion and conventional hot binder seals. Viva Bitumen Precoat precoated aggregates may be stockpiled, however, it is recommended that the storage period be kept to less than two weeks to avoid dust contamination.

Typical application rate is between 6 and 9 litres per m³ and depends mainly on:

- Aggregate size
- Dampness of aggregate
- Dust on aggregate
- Method of application

Health & safety

Viva Bitumen Precoat is unlikely to present any significant health or safety hazard when properly used in the recommended application where good standards of industrial practice are maintained.

Further guidance on Product Health and Safety is available on the relevant Safety Data Sheet

Specifications/approvals

Viva Bitumen Precoat is a proprietary product and has received approval for use in Australian states vic:

Precoat A	QDMR
Precoat	VicRoads / DoT SA / NSW RTA
Precoat 2B	VicRoads / DoT SA

Typical characteristics

Viva Bitumen Precoat is available in bulk for either pick-up or delivery to your site within 48 hours of placing an order.

Description	Units	Methods	Typical
Viscosity at 60 C	mPa.s	ASTM D445	3 - 20