

Technical Data Sheet

Viva Bitumen A35P

Polymer Modified Bitumen



Description

Viva A35P is a high performance bitumen modified bitumen with a plastometric polymer. The increased stiffness conferred by the plastometric modification greatly enhances the resistance to permanent deformation of asphalt mixtures. Viva A35P is designed for heavily trafficked applications such as intersections and inclines.

Performance features

The addition of carefully selected polymers can significantly alter the rheological characteristics of bitumen resulting in greatly enhanced performance of both the binder and the asphalt mixture. These are;

- Reduced temperature susceptibility
- Increased stiffness modulus
- Increased resistance to low

This technology is only available through the integration of premium plastomeric polymers with high-grade bitumen to give a binder that combines superior performance with safe handling and ease of application.

Summary of benefits

The advantages conferred by Viva Bitumen A35P in asphalt mixtures compared with conventional materials are as follows:

- Greater resistance to permanent deformation.
- Provides a durable surface of high cohesive strength
- Improved workability of asphalt mixtures

Applications

Viva Bitumen A35P is typically used as a binder in locations where extreme traffic loads and/or extremes of temperature can be expected. Viva A35P is ideal for use at corners, controlled intersections, braking points and acceleration areas which have intensified problems of damage, deformation and breakdown of pavements.

Health & Safety

Viva A35P 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

AG :PT/T190

A35P

Typical characteristics

Description	Units	Methods	Typical
Consistency at 60 C	Pa.s	AG:PT/T1 21	2400 min
Stiffness at 25 C	kPa	AG:PT/T1 21	120 max
Torsional recovery at 25 C	%	AG:PT/T1 22	58 min