



Flexiphalt® 350A

Flexiphalt 350A is a premium grade bitumen, heavily modified with an SBS polymer. It is an excellent choice for maximising the performance of asphalt pavements that carry heavy vehicles and very high traffic volumes.

The use of Flexiphalt 350A provides the following performance advantages:

- Resists deformation associated with very heavy traffic loads
- Superior resistance to cracking
- AASHTO M332 specification grade PG64E-22.

WHERE TO USE

- Asphalt pavements subjected to slow moving, heavy axle loads
- Asphalt pavements subjected to traffic flows up to >20 million ESAL
- Pavements experiencing high levels of cracking or deflection
- Airports and industrial sites carrying heavy vehicles and equipment.

APPLICATION AND DESIGN

The asphalt design procedure and bitumen content is identical to that used for unmodified asphalt. The following guidelines may assist in obtaining adequate compaction:

- The recommended temperature range for asphalt production using Flexiphalt 350A is 165–180°C
- The mix and compaction temperatures for Austroads, SP-2 and MS-2 mix design purposes are 175°C and 160°C respectively
- Ensure that the rollers are of sufficient size and quantity
- Establish an appropriate rolling pattern
- Avoids delays. Begin compaction immediately. Compaction is best achieved before the temperature falls below 120°C
- Consult the manufacturer if further guidance is required
- A Safety Data Sheet (SDS) is available upon request.



Typical Properties of Flexiphalt 350A

Title	Method	Property
Viscosity (135°C)	ASTM D4402	1.8 Pa.s
G*/sin = 1.00 kPa	ASTM D7175	78°C
Jnr (3200 Pa, 64°C)	ASTM D7405	0.4 kPa ⁻¹
Elastic Recovery (64°C)	ASTM D7405	50%
Density (25°C)	ASTM D70	1.02 kg/L

For more information please contact:

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To the best of our knowledge the information contained in this document is correct. Since the products described herein are being continuously improved, the specified properties may vary as improvements are made to production processes and product quality. This document may be revised at any time.