



GUARANTEED QUALITY

All product are subjected to a number of controls, tests and reporting. All package labels include a QR Code that scans to documentation relating specifically to that bitumen batch.

- Batch numbering system with full traceability from refinery tank to product on site
- Clear and unique identifying packaging labels for each unique package

Accredited laboratory testing according to relevant international standards (EN, ASTM, AASHTO)

- Issuance of Certificate of Analysis
- Weighing with scales calibrated by external third party
- Issuance of Certificate of Quantity
- Shipping container inspection before loading with condition photographs at each stage of loading



CONFORMITY CERTIFICATE OF FACTORY PRODUCTION CONTROL



ISO 9001:2015 Quality Management System

ISO 14001:2015 Environmental Management System

MERVINA E N E R G Y

BITUMEN TO INTERNATIONAL SPECIFICATIONS

Mervina produces and tests Bitumen and Bitumen Emulsions to many international standards.

Penetration and Viscosity Graded Bitumen

EN 12591

Bitumen and bituminous binders: Specifications for paving grade bitumens.

AASHTO M320

Standard Specification for Performance Graded Asphalt Binder.

ASTM D946

Standard Specification for Penetration-Graded Asphalt Binder for Use in Pavement Construction.

ASTM D3381

Standard Specification for Viscosity-Graded Asphalt Cement for Use in Pavement Construction.

SANS 4001-BT1

Penetration Grade Bitumen.

Performance Graded Bitumen

AASHTO M320

Standard Specification for Performance Graded Asphalt Binder.

AASHTO M332

Standard Specification for Performance-Graded Asphalt

Binder Using Multiple Stress Creep Recovery (MSCR) Test.

SATS 3208

Performance Grade (PG) specifications for bitumen in South Africa.

Cationic Bituminous Emulsions

EN 13808

Hard Grade, High Modulus Bitumen

EN 13924-1

Bitumen and bituminous binders - Specification framework for special paving grade bitumen - Part 1: Hard paving grade bitumens.

SABITA Manual 33

Design procedure for High Modulus Asphalt EME2. **Described in:** Austroads report AP-T283-14.

Multigrade

AASHTO M320

Standard Specification for Performance Graded Asphalt Binder.

AASHTO M332

Standard Specification for Performance-Graded Asphalt Binder Using Multiple Stress Creep Recovery (MSCR) Test.

SATS 3208

Performance Grade (PG) specifications for bitumen in South Africa.

Multigrade Plus

EN 13924-2

Bitumen and bituminous binders. Specification framework for special paving grade bitumen. Multigrade paving grade bitumens.

AS 2008

Bitumen for pavements

AASHTO M332

Standard Specification for Performance-Graded Asphalt Binder Using Multiple Stress Creep Recovery (MSCR) Test.

SABITA MANUAL 35 / TRH 8

Design and Use of Asphalt in Road Pavements.

Polymer Modified Bitumen

EN 14023

Bitumen and bituminous binders.

Specification framework for polymer modified bitumens.





TECHNICAL SUPPORT

The specification and use of Enhanced Efficiency Binders requires experience and knowhow to achieve Extra Performance in the road.

For Enhanced Efficiency Bitumen binders,

Mervina is able to offer assistance with asphalt
mix design for significant projects, using project
aggregates.

This gives an opportunity to optimise binder contents and to produce high quality asphalt.

Mervina is able to offer assistance with design for all types of surface dressing, including racked-in, double and triple surface treatments.

Laboratory trials enable accurate specification of aggregate and binder spread rates, together with adhesion tests for ensuring chip retention in the road.

EXPORT FINANCE

Mervina Energy has many years of experience in supplying international aid funded projects. We work closely with our clients to satisfy the documentary and technical requirements of these essential development schemes.













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