

Viscobit

... is a viscosity modifying bitumen additive based on a polyethylene wax.

Properties	Reference Value	Unit	Test method
Viscosity @ 140°C *	< 80	mm ² /s	DGF M-III 8
Drop point *	108–114	°C	DGF M-III 3
Needle penetration	≤ 2	10 ⁻¹ mm	DGF M-III 9b
Type of delivery	fine grain	–	visual

* general supply specification

DGF: Test methods of the Deutsche Gesellschaft für Fettwissenschaft e.V. Münster i.W.

Characteristics

Above its melting point Viscobit shows a very low viscosity and is well compatible with bitumen. It is therefore perfectly suitable for the production of warm mix asphalt applied at reduced temperatures.

Furthermore, Viscobit improves the deformation resistance of the bitumen.

Because of its specific molecular structure, Viscobit has no negative influence on the cold temperature behaviour of warm mix asphalt.

Viscobit-modified bitumen does not show abrupt solidification which enables a broad processing window.

Application

Viscobit is used for road construction applications both in mastic asphalt as well as in rolled asphalt.

Viscobit is typically used to produce and apply asphalt at reduced temperatures in order to benefit from the following advantages:

- Emission reduction (work safety)
- Energy saving
- Improved carbon foot print
- Reduction of aging of the bitumen
- Reduction of wear and tear

Viscobit can also be used in order to ensure asphalt compaction under cold weather conditions – in this case without temperature reduction.

Delivery, Packaging and Storage

Viscobit is shipped palletised (preferably 750 kg each) and shrink-wrapped as dust-free powder in PE bags of 25 kg each. Shipment in big bags of different sizes is possible upon request.

The product shall be stored in its original packaging at room temperature in a dry place. It must not be stored together with amines. Do not expose to direct sunlight and avoid water contact.

Safety and Environment

Viscobit is not classified as hazardous material in accordance with the Hazardous Materials Ordinance and therefore is not subject to labelling obligations.

The product does not contain heavy metals. It is insoluble in water and has no harmful effect on fish and bacteria. The disposal of the product is to be carried out in accordance with the local regulations.

Please refer to the Safety Material Data Sheet for further safety-relevant information.

Please do not hesitate to contact us for further details.



Innospec Leuna GmbH

Am Haupttor, Bau 6310, D-06237 Leuna

Tel.: +49(0)3461-434065

Fax: +49(0)3461-434070

E-Mail: leuna@innospecinc.com

www.innospecinc.com

The general points listed correspond to our current knowledge and have been elaborated to the best of our belief and under consideration of professional care. Herewith, we do not guarantee definite properties nor suitability for a particular application. It is the customer's duty to particularly check suitability of the product for the use intended.