

VISCOBIT PRODUCT DATA SHEET

VISCOBIT

Viscosity modifying additive to create low temperature / warm mix asphalt

Typical Properties

Appearance	White, Granulate / fine grain	
Viscosity @ 140 °C	< 65 mPas	DIN 1342
Drop melting point	112 °C	DGF M-III 3
Needle Penetration	$2 \cdot 10^{-1}$ mm	DGF M-III 9b

Application

VISCOBIT is typically dosed at 2-3 mass percent related to the binder.

VISCOBIT can either be used for the creation of modified bitumen grades or can be directly dosed at the mixing plant. VISCOBIT is well-suited both for rolled and mastic asphalt.

VISCOBIT can be used with the common polymer modified Bitumen (PmB) grades.

VISCOBIT is also recommended to be used in combination with recycled asphalt.

Characteristics

VISCOBIT is a viscosity modifying additive for the creation of temperature reduced asphalts based on a polyethylene wax with excellent compatibility towards all grades of Bitumen. As free-flowing solid VISCOBIT handling is easy and safe.

In addition to the temperature reducing effect VISCOBIT prolongs the open time of the asphalt mixture and enhances the deformation behavior of the finished road. VISCOBIT does not induce brittleness even at low temperatures.

Form of Delivery, Packaging and Storage

VISCOBIT is shipped palletized (preferably 750 kg each) and shrink-wrapped as drop granulates of 3-5 mm in PE sacks of 25 kg each. Shipment in big bags of different sizes is possible upon request. VISCOBIT is also available as fine grain with an average particle size of 500 µm.

The product shall be stored in its original packaging at room temperature in a dry place. It must not be stored together with amines. Avoid direct sun radiation and water contact.

Safety and Environment

VISCOBIT has not been classified as hazardous materials in accordance with the Hazardous Materials Ordinance and therefore they do not require marking. The product does not contain heavy metals. It is insoluble in water and has no harmful effect on fish and bacteria. 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.

Innospec's ESG Program



Manufactured on a site using energy sourced from renewables.



Supports the reduction of CO₂ emissions.

For more information contact us today: leuna@innospecinc.com
Contact details for all Innospec Sales managers are available on our website: www.viscobit.de

Innospec

Innospec is a global specialty chemical company. We provide innovative products, combined with excellent customer service and technical support. Our outstanding R&D capabilities have meant that we've been successful in bringing new technologies to market which allow our customers to improve their products and develop sustainable solutions for their chosen markets. Our business has a Sustainability strategy and we are investing and supporting products which help to reduce the carbon footprint of the global road, rail, marine and aviation transportation sectors and industrial applications.

We recognize that being a responsible business is key to our continued success. For us, it is an ongoing journey of progress and improvement.



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