

## **BIOMER® 140 K**

**TECHNICAL INFORMATION** 

Chemical description: Biodegradable lubricant

**Applications:** - BIOMER® stabilised bitumen

- For mastic asphalt (MA)

**Properties:** - Reduction of the working temperature

- Extension of durability and usability

- Decreases temperature to avoid aerosols and fumes

- Saves energy and reduces CO<sub>2</sub>, improvement of the CO<sub>2</sub> balance

- Improvement of work safety

- Optimisation of rheological properties

- Reduction of viscosity

- Precise adjustment of the desired viscosity

- Improved adhesion (higher resistance against stripping

- Better processing and compaction behavior

Excellent price / performanceHigher deformation resistance

- Better utilization, optimal long term performance, reduced maintenance costs

Easy to mix and doseDosage 1.5% to 3.0%

**Biodegradability:** - BIOMER® 140 K is biodegradable according to the test method OECD 301 B

Technical data: Colour: White

Form of delivery: Fine granules

	Minimum	Maximum	
Drop point*:	140 °C	150 °C	LV 12
			(DGF M-III 3)
Acid value:	3 mgKOH/g	8 mgKOH/g	DIN EN ISO 2114
Viscosity (140 °C)*:		20 mPas	LV 2 (DIN EN ISO3104)
Penetration:		3,0 mm*10 <sup>-1</sup>	LV 4
			(DIN 51579)
Density (23 °C):	0.98 g/cm <sup>3</sup>	1.00 g/cm <sup>3</sup>	LV 3 (DIN EN ISO 1183)

Revision:

**Alternative Products:** BIOMERE – range of melting point from 60°C to 140°C

See www.DEUREX.com/products

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<sup>\*</sup> part of certificate of analysis