

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 CO₂, improvement of the CO₂ 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 / performance
 - Higher deformation resistance
 - Better utilization, optimal long term performance, reduced maintenance costs
 - Easy to mix and dose
 - Dosage 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 ⁻¹	LV 4 (DIN 51579)
Density (23 °C):	0.98 g/cm ³	1.00 g/cm ³	LV 3 (DIN EN ISO 1183)

* part of certificate of analysis

Alternative Products: **BIOMERE** – range of melting point from 60°C to 140°C
See www.DEUREX.com/products