DEUREX®
THE WAX COMPANY

BIOMER® 111 G

TECHNICAL INFORMATION

Chemical description: Biodegradable lubricant

Applications:
- BIOMER® stabilised bitumen
- For asphalt cement (AC)
- For stone 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_2, improvement of the CO_2 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® 111 G is biodegradable according to the test method OECD 301 B

Technical data:

Colour: White
Form of delivery: Granules

	Minimum	Maximum	
Drop point*:	110 °C	118 °C	LV 12 (DGF M-III 3)
Acid value:		0 mgKOH/g	DIN EN ISO 2114
Viscosity (140 °C)*:		40 mPas	LV 2 (DIN EN ISO3104)
Penetration:		2,0 mm*10^{-1}	LV 4 (DIN 51579)
Density (23 °C):	0.94 g/cm³	0.96 g/cm³	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

DEUREX AG
Dr.-Bergius-Straße 8-12
D-06729 Elsteraue

T.:+49 (0) 03441/8 29 29 29
F.:+49 (0) 03441/8 29 29 28
info@deurex.com / www.deurex.com