

DEUREX® E 11 B

TECHNICAL INFORMATION

Chemical description: Non-polar, low molecular Polyethylene wax

Application: Bitumen (Stone Mastic Asphalt, SMA and Asphalt Concrete, AC)

Very good heat resistance

- Precise reduction of viscosity

- Reduction of the processing temperature (warm mix)

- Easier workability

- Improvement of process reliability (reduction of vapors and aerosols)

- Suitable for recycling of bitumen

- Improvement of the durability of bitumen (aging, resilience)

Reduction of heating energy (costs)Excellent price / performance ratio

- Improvement of work safety (dust-free and lower temperatures)

Can be mixed homogeneously and compatible with all bitumen systems

Paraffin-free

- Polymer stabilized Bitumen

Hot melts, cable, rubber, PVC and Masterbatch

- For non-transparent applications

Properties: - Technically identical to DEUREX® E 11 K

Dispersing agentRelease agent

- Lubricant

- Anti-caking and retarding agent

Technical data: Colour: Off-white or brown

Delivery form: **DEUREX® E 11 B** = Granules



	Minimum	Maximum	Method
Drop point*:	100 °C	120 °C	LV 12
			(DGF M-III 3)
Acid value:		0 mgKOH/g	DIN EN ISO 2114
Viscosity (140 °C):		80 mPas	LV 2 (DIN EN ISO3104)
Penetration:	3 mm*10 ⁻¹	7 mm*10 ⁻¹	LV 4
			(DIN 51579)
Density (23 °C):	0.94 g/cm ³	0.96 g/cm ³	LV 3
			(DIN EN ISO 1183)

*part of certificate of analysis

Alternative delivery form: DEUREX® E 1101 W – Water-borne polyethylene wax emulsion

DEUREX® E 11 K – White quality

Alternative product: DEUREX® T 39 B – Fischer-Tropsch wax granules

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