

BIGUMA® -Fertigschlämme E



Rejuvenator based on a bitumen emulsion

Uses

BIGUMA®- Fertigschlämme E is preferably used for the sealing and therefore for a prolongation of the service life of rough and open porous asphalt layers. Slender and only facile attacked top coats can be prevented from further damage by the application of BIGUMA®- Fertigschlämme E. Asphalt surfaces, which had been produced too open porous can be closed with BIGUMA®- Fertigschlämme E.

Properties

BIGUMA®- Fertigschlämme E corresponds with the regulations of the TL Sbit-StB Sbit and distinguishes itself by the following characteristics:

- solvent-free, therefore environment-friendly
- easy application possibilities without machines
- thixotrope set, therefore easy application and good storage life
- resistant against strong mechanical load

Application instructions

The rejuvenator has to be stirred before the application. BIGUMA®- Fertigschlämme E will be applied with the help of a rubber slider smoothly and sharply tore-off over the chippings top of the asphalt surface. At great heat the asphalt surface has to be lightly wetted with water before the application of the rejuvenator takes place. For increasing the roughness BIGUMA®- Fertigschlämme E can be mixed with approx. 10 % clay-free sand of the grading 0/2. The treated areas can first be rolled by traffic again after total dry-out of the rejuvenator. The drying time is per rejuvenator layer approx. 2 - 4 hours. Lower temperatures delay, higher temperatures quicken the drying process. A second rejuvenator layer can first be applied after a complete dry-out of the first layer.

Requirements to the subsoil

The layer surface has to be cleaned thoroughly. The subsoil has to be even and good compressed. The application of BIGUMA®- Fertigschlämme E should first take place after a weathering period of approx. 4 weeks at fresh applied asphalt top coats.

Weather conditions

The application is only allowed to take place at dry weather conditions. The ambient temperature and the surface temperature should not be below + 10 °C.

Material consumption

The material consumption varies with the composition of the subsoil.

Single rejuvenator layer: approx. 0.8 - 1.5 kg/m²

Double rejuvenator layer:

1. rejuvenator layer: approx. 1.0 - 1.5 kg/m²

2. rejuvenator layer: approx. 0.6 - 1.2 kg/m²

Central Sales

Dortmunder Gußasphalt GmbH & Co. KG

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Producer

Plant Dortmund

Primer for older asphalt layers:

BIGUMA®- Fertigschlämme E,

1 : 1 thinned with water:

approx. 0.4 - 0.6 kg/m²

Storage

In unopened original tins BIGUMA®- Fertigschlämme E is at least storable for 6 months. The tins have to be stored free from frost. Exposures to direct sunlight or strong heat have to be avoided.

Form of supply

Plastic containers:

15 kg, 25 kg, 30 kg

Cleaning agent

In fresh state:

water

In set state:

BIGUMA®- SWS, petrols or commercial solvents

At skin contact:

hand washing paste

Authoritative regulations

At maintenance works with BIGUMA®- Fertigschlämme E the ZTV - BEA StB 98 has to be observed.

Technical data

External composition (DIN EN 1425):

black to grey, capable of flow, even

Loss in weight by evaporation

(DIN 52045-1):

< 30 %

Density at 25 °C (DIN EN ISO 3838):

approx. 1.30 g/cm³

Kind of binder:

bitumen for the road construction

Solid content:

> 70 %

This product information corresponds to our latest available information. The processor is obliged to test the suitability and application options for the intended purpose. We shall be pleased to advise if you have any questions about our product. Our Terms and Conditions of Business apply, which can be found at www.dga.de.

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