



Reactive, 2-component bitumen based crack and joint sealant

Uses

BIGUMA[®]- Reaktiv is prior suitable for the repair of smaller cracks in asphalt pavements as well as for the filling of joints at the production of induction loops.

Properties

BIGUMA[®]- Reaktiv can be applied without great technical effort and distinguishes itself by the following characteristics:

- Environmentally friendly, solvent-free
- 100 % active agent – no shrinkage of the mass after curing
- Components are easy to mix
- Very good adhesion properties through the special combination of the active agents
- Very good performance at hot and cold temperatures
- High ageing resistance
- Resistant to aqueous solvents, salts, diluted acids and similar
- Bituminous building material; therefore easy to recycle

Application instructions

a) Requirements to the substrate

The asphalt joints to be filled have to be cleaned with compressed air, a brushing machine or joint brush just as required. Due to the enormous adhesive power of BIGUMA[®]- Reaktiv, usually no primer is necessary. At cracks less than 2 mm, the cracks have to be expanded. Therewith it is ensured that enough mass can be absorbed to accommodate movements from seasonal temperature fluctuations.

b) Filling

BIGUMA[®]- Reaktiv is filled into the crack or joint. Deep cracks may require re-filling. After 30 - 40 minutes or shortly before the release to traffic the crack or the joint is covered with chippings. The waiting time prevents the chippings from sinking into the still soft mass in the joint or crack. It is also possible to choose the chipping in the colour of the surface. The grading of the chipping should be 1 - 3 mm if possible.

c) Application temperature

The range of the permissible ground or air temperature is from 5 °C to 30 °C.
The material temperature must be between 15 °C and 30 °C during application.

d) Processing time

The processing time is approx. 15 minutes, afterwards BIGUMA[®]- Reaktiv becomes hard and harder. The cartridge should be processed in one pass without interrupting work, otherwise the material will harden. High temperatures accelerate; low temperatures delay the reaction process. The traffic release takes place after approx. 45 - 60 minutes.

Central Sales

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Weather conditions

The pre-treated joints are only allowed to be sealed at dry weather conditions and a surface temperature of the building part of more than 5 °C.

Material consumption

BIGUMA®- Reaktiv: $\text{Joint length (m) x joint width (mm) x joint depth (mm) x density of the joint sealant (g/cm}^3\text{) = consumption in gram.}$

Storage

Storable for at least 6 months if stored cool and dry.

Form of supply

Cartridge: 425 ml

Cleaning agent

Equipment: BIGUMA®- SWS or commercial solvents

At skin contact: hand washing paste

Technical data

Density: approx. 1.0 g/cm³

Suitable system products

Dispensing gun



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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