



Hot-applied edge sealing compound, bitumen-based

## Use

BIGUMA<sup>®</sup>- Rand is an edge sealing compound for sealing the flanks at the free edges of asphalt layers.

## Properties

BIGUMA<sup>®</sup>- Rand is a hot-applied bitumen. BIGUMA<sup>®</sup>- Rand is specially developed for permanent sealing of exposed edges in asphalt road construction.

BIGUMA<sup>®</sup>- Rand is characterised by the following features:

- bitumen, that's why it has very good performance characteristics at high and at low temperatures
- solvent-free, and therefore environment friendly
- set ready to use
- can be used without primer
- high adhesive strength
- allows high working capacity
- resistant against aqueous solutions or similar

## Application instructions

BIGUMA<sup>®</sup>- Rand has to be heated indirectly and carefully to the application temperature in a boiler equipped with mechanical agitation, indirect heating and thermometer. The temperature of the sealant must be thermostatically regulated. It must be controllable at all times.

Overheating BIGUMA<sup>®</sup>- Rand should be avoided, because this will immediately damage the product.

BIGUMA<sup>®</sup>- Rand is applied mechanically with a pouring or special spray lance. The edge flank is thereby fully coated. The quantity applied depends on MSNAR specifications. This must be approximately 1.5 kg/m<sup>2</sup> for horizontal surfaces, and approximately 4.0 kg/m<sup>2</sup> for sloping surfaces.

## Edge flank requirements

The seam areas of the asphalt layers must be dry, clean, and free from frost, oil and grease. Loose parts have to be removed.

BIGUMA<sup>®</sup>- Rand must be applied before the respective edges become soiled.

It can be applied in several stages. If the flanks of several asphalt layers are flush, the flank surfaces of several layers can also be sealed together. If the higher edge is sealed in layers, a 10 cm wide strip of the adjacent surface of the respective layer must be included in the seal.

## Weather conditions

At the application of BIGUMA<sup>®</sup>- Rand the surface and ambient temperature has to be more than 5 °C. Water and frost effect have to be avoided during the total time of the application.

## Central Sales

Dortmunder Gußasphalt GmbH & Co. KG

✉ Am Hafenbahnhof 10 ■ 44147 Dortmund ■ Germany

☎ +49 231 395797 - 37    @ info@dga.de

## Producer

Plant Dortmund

### Material consumption

BIGUMA®- Rand: approx. 1,5 kg/m<sup>2</sup> for horizontal surfaces  
approx. 4,0 kg/m<sup>2</sup> for sloping surfaces

### Storage

Storable for at least 12 months in original unopened tin.

### Supply form

BIGUMA®- Rand is supplied in thin metal tins (hobbocks) and transported on disposable pallets. A separation agent coating and the welted type of the hobbocks guarantee a fast, problem-free and safe removal of the mass out of the tin. The removed blocks can be filled into the heater together with the. Alternatively, the joint compound is available in silicon-coated boxes.

Thin metal tins: 25 kg  
Cartons: 10 kg

### Cleaning agent

Equipment: BIGUMA®- SWS, petrol and commercial solvents  
At skin contact: hand washing paste

### Authoritative regulations

When making edge seals, the following regulations, among other things, must be observed:

- ZTV Asphalt StB

### Technical data

Application temperature: approx. 150 - 180 °C  
Density: approx. 1,0 g/cm<sup>3</sup>  
Primer: not necessary

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](http://www.dga.de).

Rev.: 01/20

#### Central Sales

Dortmunder Gußasphalt GmbH & Co. KG

✉ Am Hafenbahnhof 10 ■ 44147 Dortmund ■ Germany

☎ +49 231 395797 - 37    @ info@dga.de

**Producer**

Plant Dortmund