

# BIGUMA<sup>®</sup> -Band Plus



Polymer modified bitumen-joint tape with application aid  
in accordance with TL Fug - StB

## Uses

BIGUMA<sup>®</sup>- BAND Plus is a meltable joint tape with application aid in accordance with TL Fug - StB. BIGUMA<sup>®</sup>- BAND Plus is used for sealing connections in the asphalt road construction sector as they may occur during road construction, maintenance work and excavation works. The high movement accommodation factor of BIGUMA<sup>®</sup>- BAND Plus allows the connection of seams between built-in sheets even with different mixture properties at built-in parts and concrete.

## Properties

BIGUMA<sup>®</sup>- BAND Plus is a mechanically produced, rectangular formed, thermoplastic tape profile based on polymer modified bitumen and fillers.

BIGUMA<sup>®</sup>- BAND Plus distinguishes itself especially through the special application aid by following facts

- it will be applied without pre-heating
- so it can be applied very easy and very fast

Furthermore BIGUMA<sup>®</sup>- BAND Plus has got the following characteristics:

- accurate rectangular cross section
- easy to apply
- good using properties because of the modification with polymer
- high aging resistance of the connection
- resistant against aqueous solutions, salts and thinned acids, or similar
- is bituminous building material and problem-free to recycle

## Application instructions

Before the application of the joint tape the primer COLZUMIX<sup>®</sup>- Haftgrund has to be applied in accordance with ZTV Fug-StB. BIGUMA<sup>®</sup>- BAND Plus is rolled and laid out along the joint edge, the separation layer must be directed upwards, right after the taking out of the carton. Afterwards the paper layer is removed and the tape is firmly pressed with the modified side completely on the prepared joint flank. This can take place with an application aid or manually by means of a scraper for example. Through the modification of the surface the joint tape sticks to the asphalt flank and is safe from falling off for the time of the building period. The lasting bonding of the connection flanks takes place through the melting of the joint tape as a result of the application of the hot asphalt mixture. BIGUMA<sup>®</sup>- BAND Plus can be applied without flame. At an application in accordance with ZTV Fug-StB, the application works have to take place by using a primer and by fusing the joint tape at the "cold" side. The already applied joint tape must be protected against traffic.

## Requirements to the subsoil

The flanks of the asphalt layers (milling edges, cut edges, rolled flanks) must be dry, clean, free from frost, oil and grease. Remove all loose parts. Seam flanks must show uniform good compacting and good surface properties. This can be ensured by corresponding measures during application of the asphalt mixture.

## Central Sales

Dortmunder Gußasphalt GmbH & Co. KG

✉ Am Hafenbahnhof 10  
44147 Dortmund  
Germany

☎ +49 231 395797 - 37  
@ info@dga.de

## Producer

Plant Isoliererzeugnisse Großbröhrsdorf

**Weather conditions**

The application is only allowed to take place at dry weather conditions and at a surface temperature of at least +5 °C. At lower temperatures additional measures are necessary like i.e. pre-heating of the joint flanks with the help of a flame.

**Form of supply and dimensions**

Dimensions mm (height x width)	Lieferform		
	m/Carton	kg/Carton	m/palette
30 x 8	73	26	1752
35 x 8	63	26	1512
40 x 8	48	23	1152
30 x 10	63	28	1512
35 x 10	48	25	1152
40 x 10	40	24	960

Other dimensions on request.

Form of supply: 24 cartons on Euro pallet

The consumption of COLZUMIX®- Haftgrund is approx. 0,03 l/m per cm layer thickness.

	Recommended tape dimensions	
	tape height	tape thickness
At rolled asphalt	layer thickness plus 5 mm	at least 10 mm
At mastic asphalt with chippings	layer thickness	at least 10 mm
At mastic asphalt without chippings	layer thickness minus 5 mm	at least 10 mm

**Storage**

Storage condition:

Cold and dry

Max. pile height:

4 cartons lying upon another

Storage life:

at least 12 months under the above mentioned conditions

**Cleaning agent**

Equipment:

BIGUMA®- SWS, petrol and commercial solvents

At skin contact:

hand washing paste

**Authoritative regulations**

At the production of connections or at maintenance works you have to follow among others the following regulations:

- ZTV Fug - StB
- ZTV A - StB
- ZTV - BEA StB
- ZTV - Asphalt StB

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).

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