



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

Uses

BIGUMA[®]- Band is a meltable joint tape in accordance with TL Fug - StB. BIGUMA[®]- Band is used for the sealing of connections in the asphalt road construction sector like they occur during road construction, maintenance works and excavation works. The high movement accommodation of BIGUMA[®]- Band allows the of connections of seams between built-in sheets even with different mixture properties at built-in parts and concrete.

Properties

BIGUMA[®]- Band is a mechanically produced, rectangular formed, thermoplastic tape profile based on polymer modified bitumen.

BIGUMA[®]- Band or the connections produced with the tape distinguish itself by the following characteristics:

- accurate rectangular cross section
- easy to apply
- good using properties because of the modified polymer
- high aging resistance of the connection
- resistant against aqueous solutions, salts and thinned acids, or similar

Application instructions

Before the application of the joint tape the joint flanks have to be primed with COLZUMIX[®]- Haftgrund. BIGUMA[®]- Band should be applied directly on the dry, that means touch-dry, primer. BIGUMA[®]- Band 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 slightly melted on one side by using a propane gas cylinder and then firmly pressed on the prepared joint flank. This can take place with an application aid or manually by means of a scraper for example. Through the later contact with the hot asphalt mixture the melting of the joint tape takes place and the lasting bonding of the connections flanks. 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 and free from frost, oil and grease. Remove all loose parts. For artificial dry-out of damp flanks, hot air can be used. Seam flanks must show uniform good compacting and good surface properties. This can be ensured by corresponding measures during application of the asphalt mixture.

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.

Central Sales

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Producer

Plant Isoliererzeugnisse Großröhrsdorf

Form of supply and dimensions

Dimensions mm (height x width)	Form of supply		
	m/Carton	kg/Carton	m/palette
25 x 8	78	23	1872
30 x 8	73	26	1752
35 x 8	63	26	1512
40 x 8	48	23	1152
25 x 10	70	26	1680
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

Dry and cool!

Pile height:

max. 4 cartons

Storage life:

at least 12 months under 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.

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