



Cold applied seam bonding agent based on bitumen-solvent

Application

BIGUMA®- Plast is a seam bonding agent for making long-lasting connections at the lane-like application of asphalt mixture „hot on cold“ in accordance with ZTV Asphalt - StB.

BIGUMA®- Plast is also suitable for the professional execution of cross-seams at applications breaks, as they occur during construction and maintenance works.

Properties

BIGUMA®- Plast is a fibre-reinforced, elastomer based, filled bitumen compound according to TL Sbit - StB. BIGUMA®- Plast can be used flexible and is suitable for building activities in any size, as the product can be applied mechanically as well as by hand.

BIGUMA®- Plast distinguishes itself by the following characteristics:

- is set ready to use
- applicable without primer
- fast setting
- thixotropic set, has got at a good stability at the application
- good penetration capacity and high adhesion

Application instructions

BIGUMA®- Plast can be applied mechanically or by spatula or towel or brush. The application in the seam area should take place holohedral. The seam bonding agent has got the function bond the seam area, that means it should be applied maximum up to the upper edge of the seam flank.

In case of overdose or plane emission of the seam bonding agent at the surface a loosening of the asphalt layer or covering cannot be excluded. The drying time of the seam bonding agent depends on the weather conditions. The application of the hot asphalt mixture can take place immediately after the application of BIGUMA®- Plast, as the solvent exhausts by the temperature of the asphalt mixture. The application of the asphalt mixture should take place at the same day to guarantee an optimum effect of BIGUMA®- Plast. For simplified application we recommend the use of our hand-guided device MANUPLASTER. The MAUPLASTER guarantees a smooth and optimum layer thickness and provides a fast construction progress.

Requirements of the seam flank

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

If possible you should already at the application or compression of the first layer pay attention to a smooth, lightly chamfered profile. This can be achieved with the help of an edge chamfer former and an edge compression roller. If these measures have not been observed at the application it is recommended to bevel straight-line angular the still hot asphalt layer.

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

At the application of BIGUMA®- Plast 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.

Material consumption

Approx. 20-30 g/cm asphalt layer thickness and meter seam length.
The lower limit value is valid for cut edges the upper limit value for milled edges.

Storage

Storable for at least 12 months in original unopened tin.
Opened tins have always to be closed again. Depending on the duration of the storage of the tins a bitumen-solvent film could occur on the surface of the content, which can be mixed into again by stirring. This will not affect the quality of the product.

Form of supply

BIGUMA®- Plast will be supplied in 30 kg thin metal tins. Other sizes are available on inquiry.

Cleaning agent

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

Authoritative regulations

At the production or the filling of the joints you have to follow among others the following regulations:

- ZTV Asphalt - StB
- TL Sbit - StB

Machine processing

- MANUPLASTER (hand-guided)

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.

Rev.: 03/19

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