



BIGUMA[®] - Plast

Cold applied seam bonding agent based on bitumen-solvent

Uses:

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 01.

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, which has especially been developed in accordance with M SNAR for the long-lasting bonding of seams in the asphalt road construction area.

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. The optimum wet layer thickness of the application is 3 mm.

At over-application or plane emission of the seam bonding agent at the surface a loosening of the asphalt layer or asphalt 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 longer contract sections we recommend the use of our self-driving application machine BIGUPLASTER. The BIGUPLASTER 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.

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: 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 01
- M SNAR