

Polymer-modified, hot applied seam bonding agent with special additives

Uses

BIGUMA[®]- Naht NV is a seam bonding agent for the production of permanent connections at the sheet like application of asphalt mixture "hot to cold" in accordance with ZTV Asphalt - StB.

BIGUMA[®]- Naht NV is also suitable for the professional execution of cross seams at working stops, as they occur during new construction and at maintenance works.

Properties

BIGUMA[®]- Naht NV is a polymer modified hot bitumen added with additives.

BIGUMA[®]- Naht NV or the connections produced with the seam bonding agent distinguish itself by the following characteristics:

- polymer modified 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
- its low viscosity enables spraying
- allows high working capacity
- high ageing resistance of the seams
- resistant against aqueous solutions or similar

Application instructions

BIGUMA[®]- Naht NV 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 of BIGUMA[®]- Naht NV should be avoided as this will damage the plastics added for stabilization and improvement.

BIGUMA[®]- Naht NV is mechanically applied by means of a pouring lance or suitable sprayers. The thickness of the coat depends on the kind of the asphalt layer; though it has to be taken care that the seam flanks are completely covered. An overdosage is to be avoided, as the danger of too much local grease accumulation exists. You have to take care that especially at the covering layer the surface of the first sheet will not be contaminated with binding agent. The application of the hot asphalt mixture can take place shortly after the seam treatment if the binding agent is cooled down.

The connection between the asphalt layers is produced by the hot mixture fusing the seam bonding agent and thereby building an intensive bond between the layers.

Requirements to the joint flank

The seam areas of the asphalt layers must be dry, clean, and free from frost, oil and grease. Loose parts have to be removed. If possible you should already pay attention at the application or compacting of the first sheeting to a plane, slightly bevelled profile. This can be e. g. be reached by using an edge slope moulder and an edge press roll. If these measures weren't regarded at the application, it is recommended to chamfer the still hot asphalt layer straight bevelled.

Central Sales

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Producer

Plant Dortmund

Weather conditions

At the application of BIGUMA®- Naht NV 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

BIGUMA®- Naht NV: approx. 30-40 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.

Form of supply

BIGUMA®- Naht NV 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 separation agent coating.

Thin metal tins: 25 kg
Carton: 22 kg

Cleaning agent

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

Authoritative regulations

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

- ZTV - Asphalt StB
- TL Sbit - StB

Technical data

Application temperature: approx. 160 °C
Density: approx. 1.02 g/cm³
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.

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