

BIGUMA®-AquaBit



Fast curing cold applicable asphalt mixture

Uses

BIGUMA®- AquaBit is used for the removal of road damages, for the filling of potholes, for the closing of break-ups and for the production of ramps. BIGUMA®- AquaBit is cold applicable and cures after a short period of time because of its special effect combination and is therefore early usable.

Properties

BIGUMA®- AquaBit consists of modified bitumen, chosen mineral components as well as of plasticising polymers. BIGUMA®- AquaBit cold mixture reacts under the influence of water and cures after a short period of time.

BIGUMA®- AquaBit distinguishes itself through the following characteristics:

- cold applicable
- fast curing of the mixture through specific chemical reaction
- applicable without the use of machines
- after application and compacting stable and trafficable
- even applicable at wet subsoil
- different grading for the necessary layer thickness available
- compatibility with common bitumen based building materials
- solvent-free, therefore environment friendly

Application instructions

BIGUMA®- AquaBit reacts with water and humidity and cures after a short period of time. The cold mixture is therefore to be protected against humidity until shortly before the application. The tin will be opened directly before the application and the mixture will be spread on the subsoil with the help of a trowel or a shovel. For an ideal result that material has to be applied slightly raised at the formation of ramps and at the sealing of holes. Following BIGUMA®- AquaBit will be wetted and compacted with the help of a hand rammer or mechanically.

At special layer thicknesses, e.g. at the sealing of boreholes it is recommended to apply in layers and the spraying with water. At the application in layers there is no need of waiting times between the single working steps.

BIGUMA®- AquaBit can be applied up to an ambient temperature of minus 5 °C. At the risk of frost and the therewith combined extension of the water the mixture is not to be sprayed with water. The curing of the mixture is prolonged correspondingly. For better workability and flexibility of the mixture storage at a temperature of more than 10 °C is basically recommended. For blunting the surface can be covered with fine sand.

Requirements to the subsoil

Damaged areas or break-ups have to be straightened at the edges if necessary and they have to be cleaned thoroughly from dust, dirty and loose particles. The subsoil is allowed to be humid but not watery. At concrete and unfavourable subsoil the bonding of BIGUMA®- AquaBit can be improved by the use of BIGUMA®- Emulsion HK-S. The primer is applied to the subsoil by paint brush or brush. The application of BIGUMA®- AquaBit can take place immediately afterwards.

Central Sales

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Producer

Plant Dortmund

Weather conditions

The prepared damages can be filled and sprayed with water at a surface temperature of the building part of over 0 °C. Without the addition of water the application of BIGUMA®- AquaBit can take place at up to minus 5 °C. The curing of the mixtures prolongs correspondingly.

Material consumption

The material consumption is depending on the compacting and the grading approx. 21 to 24 kg/m² every centimetre application thickness.

The demand of primer (BIGUMA®- Emulsion HK-S) is approx. 0,3 to 0,4 kg/m².

Form of supply

BIGUMA®- AquaBit is packed additionally in the tin in a so-called inlayer for the protection against humidity. The tin is through this combined packing clean in the inside and can be easily disposed.

Plastic container: 25 kg

Supply grading

BIGUMA®- AquaBit will be delivered in the grading 0/3mm, 0/5 mm und 0/8 mm.

Storage

In unopened original tins BIGUMA®- AquaBit is storable for at least 4 months. Opened tins can be stored short-term by closing the inliner in the tin thoroughly again. The tins have to be stored free from frost and dry. Direct sunlight or strong heat impacts have to be avoided.

Cleaning agent

Equipment: BIGUMA®- SWS, petrol and commercial solvents

At skin contact: hand washing paste

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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