

DAKORIT® Bituflex 20B

Bitumen coating for roof waterproofing, highly flexible



These pictograms apply to the **basic product**.
Deviations are possible depending on the area of application and processing.

PRODUCT INFORMATION

Description

DAKORIT® Bituflex 20B is a viscous, easy-to-apply, elastomer-modified bitumen-rubber emulsion. It adheres very well to all common building materials, is resistant to flying sparks, radiant heat and does not pollute groundwater. DAKORIT® Bituflex 20B has excellent UV and ageing resistance. It is resistant to de-icing salts, faeces, aggressive substances normally found in the soil, etc.

Application

- for the protection and regeneration of bitumen roofs and fiber cement sheets
- for waterproofing buildings in areas in contact with the ground and indoors
- as asphalt cold mastic for sealing asphalt surfaces

Operational area

- Clarifiers, reservoirs and storage basins in hydraulic engineering
- Masonry and concrete surfaces in contact with the ground
- Bitumen polymer roofing membranes
- Fiber cement panels
- Balconies and floor slabs under screeds
- Flat roof waterproofing

Properties

- elastic
- sprayable
- highly adhesive
- ageing and UV-resistant
- heat and cold-resistant

Technical Data

Available container sizes	23 kg/PE bucket 12 kg/PE bucket
Density	approx. 1.1 kg/l
Processing temperature	+5°C up to +35°C
Rain resistance	> 12 hours ¹⁾
Fully hardened and resilient	2–3 days ¹⁾
Storage	frost-free, 12 months
Consumption	non-pressing water: 1.5 kg/m ² pressing water with DAKORIT DV 110 89V: >2.5 kg/m ³
¹⁾ At +20 °C and 60 % relative humidity	

SUBSTRATE

Properties/tests

- The substrate must be clean, firm and even.

Preparation

- Remove dirt deposits by steam blasting or mechanically.

AREAS OF APPLICATION AND PROCESSING

Applying

- As a primer, dilute 20 % with water.
- Apply with roller, roofing broom, brush or with peristaltic pump PP 99.
- When used in asphalt construction, application can also be carried out using an application vehicle with rubber scraper.
- In particularly stressed areas or areas at risk of cracking, apply DAKORIT Bituflex 20B at least twice and embed in the first coat of DAKORIT DV110 89V (e.g. water change zones or roof areas without a slope).

NOTES

Cleaning

- Clean tools immediately after use with water.

System products

- DAKORIT® DV110 89V

To be observed

- Roofs with poor drainage (puddling) are likely to have increased deposits of dust, leaves, plant seeds and the formation of algae and moss. When the puddles dry out, high surface tensions occur due to the shrinking of the swollen deposits. This results in cracks (notch stresses), which can be transferred to the waterproofing layers below. These roof areas are “particularly stressed areas” which must be treated accordingly.
- Maintain a processing temperature of +5 °C to +35 °C.
- DAKORIT Bituflex 20B must be protected from rain during the drying phase.
- Fresh material can be dissolved with water.
- Low temperatures and high humidity slow down the drying process and reduce the coating’s resilience.
- Avoid exposure to water from running water (negative water load).

Ingredients

- bitumen
- polymers
- emulsifiers
- functional fillers



■ Occupational safety / Recommendation

- Further information on safety during transportation, storage and handling can be found in the current safety data sheets.

■ Disposal

- The following applies to all systems: Only return empty containers to recycling partner Interseroh. Hardened material residues can be disposed of according to EWC code no. 17 03 02 (bitumen mixtures with the exception of those falling under 17 03 01).

■ Producer

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The statements are made based on extensive tests and practical experiences. They cannot be applied to every application case. Therefore, we recommend carrying out application trials if necessary. Subject to technical changes in the course of further development. Furthermore, our General Terms and Conditions of Business apply.