

Bitumen coating for roof waterproofing, highly flexible

Characteristics

DAKORIT® Bituflex 20B is a viscous, easy-to-apply, elastomer-enriched bitumen rubber emulsion. It adheres well to all common building materials, is resistant to flying sparks, radiant heat and is not harmful if it enters the groundwater.

DAKORIT® Bituflex 20B is highly resistant to UV radiation and ageing. It is resistant to de-icing salts and aggressive substances usually found in the ground.

- Elastic
- Sprayable
- Highly adhesive
- UV and ageing resistant
- Heatproof and cold resistant

Use

DAKORIT® Bituflex 20B is used for protecting and renewing bitumen roofs and fibre reinforced cement tiles.

It is suitable for dampproofing structures in areas in direct contact with the ground and is also used as an asphalt cold mastic for sealing asphalt surfaces.

Areas of application:

- Settlement tanks, storage basins in water engineering
- Masonry and concrete in contact with the ground
- Bitumen polymer roofing sheets
- Fiber-reinforced cement tiles
- Balconies and floor slabs under screeds
- Sealing flat roofs

Specifications

Packaging	PE bucket
Container size	23 kg / 12 kg
Delivery form	24 / 33 cont./pallet
Density, process ready	1.1 g/l
Working temperature	+5 °C to +35 °C
Thermal stability	+100 °C
Low temperature fracture	< -15 °C
Breaking elongation: at +20 °C	≥ 900 %
Rainproof ¹⁾	after 4 hours
Fully hardened and load bearing ¹⁾	after 24 hours
Storage	12 months

Quantity required

Water not under pressure	1.5 kg/m ²
Water under pressure with DAKORIT® DV110 89V	> 2.5 kg/m ²

¹⁾ At +20 °C and 60 % relative humidity.

Preparation of the surface

The substrate must be clean, sound and smooth. Remove dirt deposits with a steam jet or mechanically.

Application

1. As an undercoat, dilute the product by 20% with water.
2. Apply **DAKORIT® Bituflex 20B** with a roller, roofer's brush, wide wall brush or with **Peristaltikpumpe PP 99** as an airless spray.
3. In asphalt engineering, the product can also be applied using an application wagon provided with a rubber wiper.
4. Clean tools with water immediately after use.

In particularly highly stressed zones, or zones that are particularly susceptible to the danger of cracking, apply **DAKORIT® Bituflex 20B** at least twice, and in the first coat, embed **DAKORIT® DV110 89V** (e.g. the zone between the high and low water levels or roof surfaces without a slope).

Precautions

On roofs with poor drainage (puddle formation), increased accumulation of dust, leaves or plant seeds, algae and moss forming is to be expected. When the puddles dry up, high surface stresses occur due to shrinkage of the swollen deposits. Cracks occur (notch stresses) which may go through the sealing layers underneath. These roof areas belong to the "particularly exposed areas" that require suitable treatment.

hahne system products

DAKORIT® DV110 89V
PP 99 peristaltic pump

Important notes

- Observe a working temperature of +5 °C to +35 °C.
- Protect **DAKORIT® Bituflex 20B** from rain while drying.
- Fresh material can be removed with water.
- High humidity and low temperatures extend the drying times.
- Avoid water load caused by water getting behind the coating (water pressure from behind).

Ingredients

Bitumen, polymers, emulsifiers, functional fillers

Safety provisions/recommendations

Observe the precautions for handling chemical products.
Wear suitable protective clothing.

Disposal

The local waste removal regulations must be observed.

Manufacturer

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This information is based on extensive tests and practical experience. However, it cannot be applied to every type of application. If in doubt, we recommend that you test the product before using it. Due to continuous product improvement, this information is subject to change without notice. Our General Terms and Conditions apply.
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