



## BIOPHALT®

### DESCRIPTION

Biophalt® is a high-quality, cold-processable road construction material for the quick and easy repair of frost cracks, potholes and ruptures in asphalt and concrete paving.

The innovative formula based on reactive bitumen is easy to process even at sub-zero temperatures or on wet surfaces and cures quickly and thoroughly. In combination with the specially balanced grading curve produces a construction material of hot asphalt quality.

Biophalt® is 100% solvent-free, can be hot overlaid and is recyclable.

### TYPICAL APPLICATION

- permanent repair of frost cracks and damaged areas in asphalt and concrete paving
- permanent closure of drill core holes
- ramping and height adjustment of all kinds, e.g. from road fixtures to the road surface

Product	Art.No.	Pack	PU
Biophalt 0/8 bag	014618	14 kg	72 bags

### ADVANTAGES

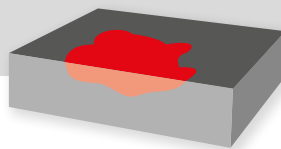
- ✓ lasting results for an excellent cost-benefit ratio
- ✓ equivalent to a hot mix when cured
- ✓ use below 0°C possible
- ✓ can be hot overlaid and is recyclable
- ✓ 100 % solvent-free

### ENVIRONMENTALLY FRIENDLY

### TECHNICAL DETAILS

Composition	Reactive bitumen-based binders and mineral aggregates
Density	approx. 2.5 g/cm <sup>3</sup>
Available grit sizes	0/8
Pack sizes	14 kg bag
Shelf life	9 months

The information printed in this brochure is based on experience and the most recent research and practice, however it is non-binding and does not establish a contractual relationship.



### SUBSTRATE

#### Biophalt®

Remove dirt, loose debris, adhesion-inhibiting particles and ice/snow from the substrate. Can be applied to wet substrate.

Pre-treat dry asphalt substrates with Biophalt spray primer for improved layer adhesion. For absorbent substrates (concrete) and heavy load areas, please use our Biophalt primer.

Processing temperature -20 °C  
(with appropriate storage) up to +35 °C

#### Biophalt® Priming Spray

The surface to be treated must be clean, dry, frost-free and free of adhesion-inhibiting particles.

Processing temperature 0 – 40 °C.  
Only use in well ventilated areas.

### PREPARATION

#### Biophalt®

Open cover and remove foil.

#### Biophalt® Priming Spray

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### PROCESSING

#### Biophalt®

Apply Biophalt in a slightly raised mound to the surface and spread with a trowel. Then compact with a suitable device (e.g. hand compactor).

Under normal circumstances, the area can then be opened to traffic. For larger areas and where shear forces are expected, we recommend protecting the surface until it has cured.

\*For a faster curing time mix in water while spreading, as illustrated (max. 2 mass % of applied volume | 2M%  $\pm$  0.28 l for 14 kg). This also increases stability.

In the case of layer-by-layer processing, it must be ensured that the lower layer is completely cured before being overlaid.

Container life: approx. 1 hour - close opened containers immediately and use up promptly.

Curing time:  
depending on temperature approx. 1 - 6 hours.  
Longer curing times are to be expected below 0 °C.

#### Biophalt® Priming Spray

Spray Biophalt Spray Primer onto the surface to be treated so that it forms a thin film. Hold the spray can vertically with the spray nozzle pointing downwards.

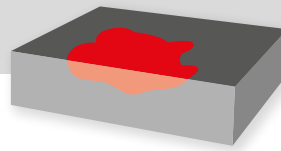
Biophalt can be applied directly afterwards. A flash-off time is not required.

#### Application thickness

Biophalt 0/8  
20 - 60 mm

**RECOMMENDED:** Training from Nadler application technicians before first use

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### MATERIAL CONSUMPTION

#### Biophalt®

Material consumption approx. 25 kg/m<sup>2</sup> with a layer thickness of 1 cm.

#### Biophalt® Priming Spray

With one can (750 ml) 3-4 m<sup>2</sup> of substrate can be pre-treated (depending on condition).

### CLEANING

Clean tools with water immediately after use. Remove hardened binder with special cleaning agents (e.g. Nadler B-EX Bitumen cleaner).

### STORAGE

Store in a cool dry place, avoid direct sunlight.  
Shelf life: 9 months in original sealed container

### DANGERS

#### Biophalt®

The product does not contain any hazardous components according to REACH / GHS.  
No particular environmental risk

#### Biophalt® Priming Spray

Keep away from combustion sources.  
Product contains highly flammable aerosol.  
Do not expose to temperatures above 50 °C. Container is under pressure and may burst when heated.

Observe general industry safety regulations as well as the hazard information and safety advice contained in the safety data sheets and on the delivery containers. Use personal protective equipment. Do not eat, drink or smoke during use.

### DISPOSAL

Non-contaminated and empty packaging can be recycled. Dispose of compound residue in accordance with official regulations.

### NOTICE

This technical data sheet is based on our previous application experience.  
It provides non-binding advice and information.  
All figures contained herein are average values. These are not legally binding guaranteed properties.

If any other types of use or conditions are to be taken into account, please request advice.

Please request our supplementary safety data sheet.

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