

# BRICAZINC

## Zinc dust paint

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VFL  
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### Properties

BRICAZINC is a high-percentage, weatherproof zinc dust paint and provides lasting long-term protection against rust and corrosion. With one application a compact film of 92 % zinc and 7,5 % epoxy ester resin and additives is produced. The excellent protection of BRICAZINC zinc dust paint is based on the electro-chemical process, in which the iron and the less noble metal (zinc) form a cathodic protection, which prevents rusting of the substrate even in case of mechanical damage. BRICAZINC offers high heat resistance (300 °C), underwater suitability and effective protection in humid atmospheres.

### Field of application

For sandblasted iron and steel such as metal constructions, bridges, vehicle superstructures as well as spot welding paint or underwater coating.

### Pretreatment

The substrate must be clean, dry and free of rust and grease. Sand-blasted surfaces (SA 2½) offer the best guarantee for good adhesion of the coating.

### Processing

Do not use below 5 °C.

### System structure

1–2 x BRICAZINC zinc dust paint  
Subsequent build-up with a suitable 1- or 2-component topcoat system. Due to the high zinc content, BRICAZINC requires an appropriate intermediate primer for most systems.

### Coating thickness application

- 40 µm as conventional anti-corrosion primer with subsequent top coat.
- 80–100 µm as sole corrosion protection with free weathering.

### Drying

- ◆ Dust dry after about 20 minutes
- ◆ Firm to the touch after approx. 1 hour
- ◆ Recoatable after approx. 12 hours  
(depending on the temperature, application quantity and humidity)

### Dilution

Synthetic resin or universal thinner.

### Extensiveness

2–3 m<sup>2</sup> per kg per application, depending on the quantity applied and the condition of the substrate.

### Application

Sprayer, roller or brush.  
In order to achieve optimum results, it is very important to use the right tools – see KNUCHEL GUIDE on brush and roller qualities. You will find this guide both in the catalogue and on the homepage as an attachment to this product.

### Cleaning

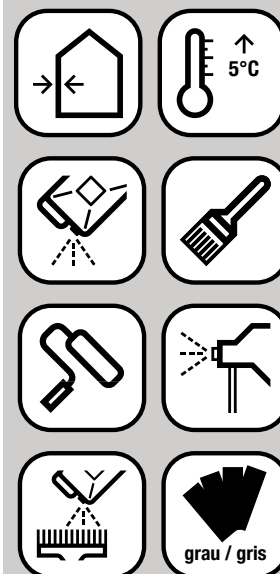
Clean tools immediately after use with universal or cleaning thinner.

### Delivery form

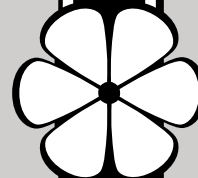
Packages of 20, 10 and 5 kg as well as 750ml, 375 ml and 125ml. Also available in aerosol cans of 400ml.

### Shelf life

BRICAZINC can be stored for at least 18 months in the well closed original container. Storage beyond this specified period does not necessarily mean that the goods are unusable. However, for quality assurance reasons, it is essential to check the required property values. Store in a cool and dry place.



Farben



Knuchel

High quality – Top finish

<b>Conductivity</b>	Electrical resistance: about 1 k $\Omega$ with a layer thickness of about 100 $\mu\text{m}$ .
<b>Viscosity</b>	Slightly thixotropic / 3000–3400 mPa.s
<b>Density</b>	3,15 $\pm$ 0,10 g/cm <sup>3</sup>
<b>Solid content</b>	89 $\pm$ 1 %
<b>Binder base</b>	Modified epoxy ester resins
<b>Pigment base</b>	99,5 % pure zinc dust (uncut).
<b>Gloss level</b>	Matt
<b>Colours</b>	Grey
<b>Registration</b>	CPID 279549
<b>Classification</b>	For information on chemical properties and hazards as well as regulations regarding transport, processing, storage, disposal, etc., please refer to the safety data sheet.
<b>Note</b>	<p>This leaflet is only intended as a reference and non-binding advice. The processing must be adapted to the corresponding conditions. In special cases we recommend to contact our technical service. However, all data and information on the suitability and application of the delivered products do not exempt the processor from carrying out his own tests and trials. A claim for damages for omitted, incomplete or incorrect information is excluded. This applies in particular also if thinners and other products are used in the paint build-up system.</p> <p>Furthermore, we refer to our General Terms and Conditions (GTC) on our homepage.</p>