

BRICAPOX

2K epoxy primer DS EP-354

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VFL
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Properties

BRICAPOX is a 2-component epoxy primer for highest demands on adhesion, corrosion and chemical resistance. BRICAPOX has excellent adhesion to iron, steel, light metals, galvanized surfaces, certain plastics, polyester, etc. BRICAPOX is quick-drying, filling and very resistant to mechanical stress. The coatings are resistant to water, oils, solvents, petrol, etc. and are ideal for underwater use. The excellent rust protection effect is based on modified zinc phosphates and is intensified by the addition of special rust inhibitors.

Field of application

- As a rust-inhibiting and adhesion-promoting primer in the automotive and industrial sectors such as trucks, agricultural machinery, construction machinery, mechanical engineering, apparatus, switchboards, steel and metal structures, underwater construction, etc.
- As a primer for mineral substrates, in order to apply a subsequent coat.

Pretreatment

The substrate must be clean, dry and free of rust and grease. Mechanically derust rusted substrates, sandblast or treat with DUROX rust converter. Sand-blasted surfaces (SA 2½) offer the best guarantee for good adhesion of the coating.

Processing

Before use, mix components A and B according to the mixing ratio, mix well and adjust to spray viscosity with epoxy thinner. Do not use below 5 °C. Spray viscosity 18–25 seconds in DIN-4 cup. After a flash-off time of 10–15 minutes, BRICAPOX can be forced dried at 60–100 °C.

System structure

1–2 x BRICAPOX 2K epoxy primer DS EP-354 in the desired shade
BRICAPOX can be painted over with all commercially available water-thinnable or solvent-containing 1- and 2-component products.

Coating thickness application

40–50 µm as conventional anti-corrosion primer with subsequent top coat.

Drying

- ◆ Dust dry after about 20 minutes
- ◆ Firm to the touch after 1–2 hours
- ◆ Can be sprayed over after 4–6 hours
(depending on the temperature, application quantity and humidity)

Dilution

Epoxy thinner. Other thinners may react with the hardener and affect the quality of BRICAPOX.

Extensiveness

6–8 m² per kg per application, depending on the quantity applied and the condition of the substrate.

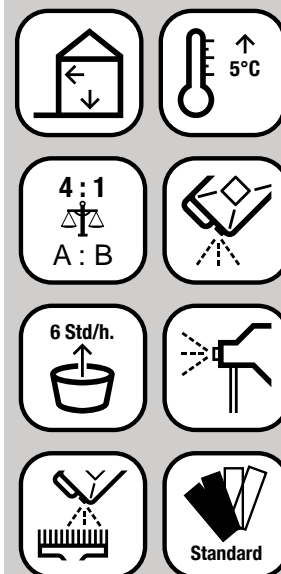
Mixing ratio

4 parts by weight component A and 1 part by weight component B (4 : 1).

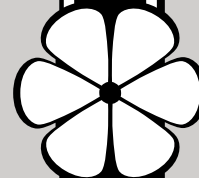
Pot life

After mixing the A and B components, BRICAPOX can be processed for 5–7 hours at 20 °C.

Mixed residual inks must never be stored in a closed container until they have completely hardened. The product continues to react and will put the container under pressure and may cause it to burst.



Farben



Knuchel

High quality – Top finish

Application	<p>Sprayer, roller or brush.</p> <p>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.</p>
Cleaning	<p>Clean tools immediately after use with paint or cleaning thinner.</p>
Delivery form	<p>Packages (including hardener) of 10, 5 and 1 kg.</p>
Shelf life	<p>Components A: BRICAPOX can be stored for at least 12 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.</p> <p>Components B: The hardener can be stored for at least 12 months in well-sealed original containers. 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 but frost-free place.</p>
Viscosity	<p>Thixotrope / 6000–7000 mPa.s</p>
Density	<p>Components A: $1,35 \pm 0,05 \text{ g/cm}^3$ / Components B: $0,90 \pm 0,05 \text{ g/cm}^3$</p>
Solid content	<p>Components A: $71 \pm 1 \%$ / Components B: $40 \pm 1 \%$</p>
Binder base	<p>Components A: Water emulsifiable epoxy resins Components B: Amine hardeners (article 973)</p>
Pigment base	<p>Titanium dioxide, rust inhibitors, active corrosion protection pigments, light metal silicates, organic and inorganic coloured pigments.</p>
Gloss level	<p>Silk matt</p>
Colours	<p>White / Light Grey</p> <p>The entire colour range (RAL, NCS, etc.) is available under the BRILA-TINT industrial tinting system.</p>
Registration	<p>Components A: CPID 279850 Components B: CPID 277720 (article 973)</p>
Classification	<p>For information on chemical properties and hazards as well as regulations regarding transport, processing, storage, disposal, etc., please refer to the safety data sheet.</p>
Note	<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 if thinners or hardeners 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>