

BRICAPON

2K-PUR zapon paint

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VFL
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Properties

BRICAPON is an air-drying, transparent and water-bright 2-component metal preservative paint based on acrylic polyurethane (DD). BRICAPON meets the highest demands for chemical and mechanical resistance. BRICAPON protects non-ferrous metals permanently against oxidation, corrosion and discoloration and has excellent adhesion, weather resistance and non-yellowing properties.

Field of application

- As a protective coating against oxidation of non-ferrous metals such as copper, brass, chrome, aluminium, tin, zinc, etc.
Also on ferrous metals in interior areas with sufficient layer thickness. Due to the low solids content, application outdoors as a sole colourless anti-corrosion coating is not recommended.
- As a protective coating on mineral substrates such as stone, concrete, etc.
- As additional protective coating on painted surfaces.

Pretreatment

The substrate must be clean, dry and free of oil, grease and wax. BRICAPON can be applied directly to the various substrates. Tarnished, discoloured or oxidised metal surfaces must be cleaned metallically bright and washed with solvent. For application on painted surfaces, a preliminary test of compatibility (dissolving effect) is essential.

Processing

Before use, mix components A and B according to the mixing ratio, mix well and adjust to a spray viscosity of 18–20 seconds in a DIN-4 cup using DD thinner. After a pre-reaction time of 10–15 minutes the now mixed varnish can be applied. Spray pressure 3–5 bar with nozzle of 1,5–1,8mm. Do not apply at temperatures below 8 °C, in direct sunlight or increased air humidity.

System structure

2–3 x BRICAPON 2K-PUR zapon paint colourless

Drying

- ◆ Dust dry after about 30 minutes
- ◆ Firm to the touch after 1–2 hours
- ◆ Recoatable after 2–4 hours
- ◆ Fully dried after about 24 hours
(depending on the temperature, application quantity and humidity)
After a flash-off time of 15 minutes, the drying process can be accelerated by raising the temperature to 60–80 °C for 30 minutes.

Dilution

DD thinner. Other thinners may react with the hardener and affect the quality of BRICAPON.

Extensiveness

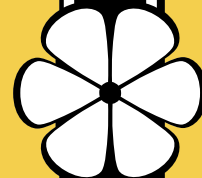
10–15 m² per litre and application.

Mixing ratio

9,5 parts by weight component A stock solution, 0,5 part by weight colour concentrate and 1 part by weight component B hardener. 9 parts by weight component A and 1 part by weight component B (9 : 1).



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High quality – Top finish

Pot life	<p>After mixing the A and B components, BRICAPON can be processed for about 60 minutes at 20 °C. The addition of 20 % DD thinner increases the processing time to about 90 minutes (material and processing temperature about 20 °C). As soon as the thickening process begins, the product must no longer be processed.</p> <p>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.</p>
Application	Sprayer. Due to the rapid drying, brushes and rollers are only suitable for smaller surfaces.
Cleaning	Clean tools immediately after use with paint or cleaning thinner.
Delivery form	Packages (including hardener) of 5 and 1 kg.
Shelf life	<p>Components A: BRICAPON 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	30–60 seconds DIN 4mm
Density	0,90 ± 0,05 g/cm ³ (depending on gloss level)
Solid content	39,5 ± 1 %
Binder base	Components A: Modified polyurethane resins Components B: Aliphatic isocyanate (article 967 / type DD-1)
Gloss level	Gloss, silk gloss and silk matt
Colours	Transparent, water light.
Registration	Components A: CPID 277090 Components B: CPID 277923 (article 967 / type DD-1)
Classification	For information on chemical properties and hazards as well as regulations regarding transport, processing, storage, disposal, etc., please refer to the safety data sheet.
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>