

BRILAPOOL

2K-PUR underwater paint

Art. 341 / 7 / 0323

VFL
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Properties

BRILAPOOL is an air-drying, cold-curing 2-component paint based on acrylic polyurethane (DD). BRILAPOOL meets the highest demands for chemical and mechanical resistance. BRILAPOOL produces hard, abrasion-resistant yet elastic coatings with excellent resistance to chlorinated water and disinfectants and cleaning agents. BRILAPOOL coatings are underwater resistant, extremely weatherproof and UV-stable. If water disinfection takes place using active oxygen, electrolysis or an ozonization system, BRILAPOOL must not be applied.

Field of application

As underwater resistant and durable coating on concrete, steel and GFK such as swimming pools, decorative ponds, fountains, boats, etc.

Pretreatment

The surfaces to be painted must be load-bearing, clean, dry and free of rust, oil, grease, wax and salt. BRILAPOOL Sand old coats and clean with Nitro- or DD-thinner (not with water) Untreated surfaces and damaged areas that have been in contact with swimming pool water are particularly problematic because they are contaminated with salts. These substrates must therefore be completely free of salts before coating (GEIGER facade and stone cleaner). Existing chlorinated rubber coatings must not be painted over with BRILAPOOL.

Processing

When mixing components A and B together, ensure that they are thoroughly mixed. Component B (hardener) is slowly added to component A (stock solution) while the stirrer is running at low speed. Depending on the type of application, dilute with 5–15 % DD diluent. After a pre-reaction time of 10–15 minutes the now mixed varnish can be applied.

Do not apply at temperatures below 8 °C, in direct sunlight or increased air humidity. The dew point must be observed.

System structure

Concrete

1 x Priming with EPOSAN 2K epoxy moisture barrier (walls 2 x)
2 x BRILAPOOL 2K-PUR underwater paint in the desired shade

Plastics and polyester, non-ferrous metals (NE-metals)

1 x Priming with BRICAPOX 2K epoxy primer DS EP-354 / BRICAPOX 2K epoxy primer EP-351 or DUROPUR 1K-PUR bonding agent FH-1000 colourless
2 x BRILAPOOL 2K-PUR underwater paint in the desired shade

Renovation on intact old coats

1–2 x BRILAPOOL 2K-PUR underwater paint in the desired shade
Test adhesion beforehand! – if necessary, priming with BRICAPOX 2K epoxy primer DS EP-354 / BRICAPOX 2K epoxy primer EP-351

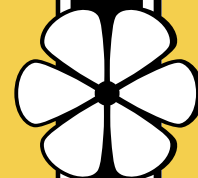
Attention: When choosing pure and dark colours, fading may occur in combination with chlorine. Here we recommend an additional colourless final sealing (1–2 coats) with DUROFIS 2K-PUR sealer.

Aftercare

After reaching the final hardness, it is recommended to rinse the treated surfaces 1–2 times with water before filling with water.



Farben



Knuchel

High quality - Top finish

Warranty	Underwater coatings are associated with a relatively high risk because the substrate, the application and the water treatment have a major influence. There is therefore always a residual risk of blistering or chipping. No guarantee can be given for adhesion to unknown substrates, discolouration due to sunscreen or similar substances (see also information sheet «Guarantee for pool coatings»).
Drying	<ul style="list-style-type: none">◆ Dust dry after about 30 minutes◆ Firm to the touch after 1–2 hours◆ Overpaintable after 12–36 hours◆ Final hardness and water resistant after 10–14 days
Dilution	0–15 % with DD thinner. Other thinners may react with the hardener and affect the quality of BRILAPPOOL.
Extensiveness	With fine surface structure 5–7 m ² per kg per application. With quartzed surfaces 2–3 m ² .
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, BRILAPPOOL can be processed for 4–5 hours at 20 °C. As soon as the thickening process begins, the product must no longer be processed. 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.
Application	Scooter and 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 DD, universal or cleaning thinner.
Delivery form	Packages (including hardener) of 10, 5 and 1 kg.
Shelf life	Components A: BRILAPPOOL can be stored for at least 12 months in the well closed original container. Store in a cool and dry place. Components B: The hardener can be stored for at least 12 months in well-sealed original containers. Store in a cool but frost-free place.
Viscosity	Slightly thixotropic
Density	1,19 ± 0,05 g/cm ³ (average value, depending on the colour tone)
Solid content	68 ± 1 % (average value, depending on the colour tone)
Binder base	Components A: Acrylic resin dispersion Components B: Aliphatic isocyanate (article 943 / type DD-3)
Pigment base	Titanium dioxide, inorganic and organic coloured pigments.
Gloss level	Gloss
Colours	According to colour chart RAL, NCS or according to template. Attention: In combination with chlorine, the standard colour No. 22 pool blue (~ NCS S 1060-B) should be used when choosing a blue colour. Only this blue colour tone ensures good chlorine resistance due to special colour pigments.

Registration	Components A: CPID 611090 Components B: CPID 277927 (article 943 / type DD-3)
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>