

BRILALUX

Art. 407 / 4 / 0323

VFL
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2K-PUR anti-graffiti DD-407 protective paint



Properties

BRILALUX is a film-forming, chemically curing 2-component acrylic polyurethane (DD) protective paint for exterior and interior use. BRILALUX forms a permanent surface film with excellent chemical and mechanical resistance and prevents spray paint, felt-tip pens and other contaminants from adhering to it. BRILALUX has excellent light and weather stability, prevents the penetration of water and pollutants and shows excellent resistance to diluted chemicals, detergents, hand perspiration, hydraulic oils, oils, greases, etc. BRILALUX coatings can be cleaned easily and repeatedly with GEIGER anti-graffiti cleaner without the need to renew the protective coating or to change the color.

Field of application

- ◆ As a dirt-resistant as well as extremely hard-wearing and scrub-resistant interior paint for highest demands.
 - ◆ As a permanent protective coating for exterior and interior use against colour smears, felt tip pens, etc.
- BRILALUX 2K-PUR anti-graffiti DD-407 protective paint is suitable for all mineral surfaces such as cement-, lime- or plastic plasters, masonry, exposed concrete, gypsum, cement-fibre boards as well as wood, metal, plastic, etc. with the appropriate primer.

Pretreatment

The substrate must be clean, dry and load-bearing. Fix untreated, absorbent, chalky or sandy substrates with a deep penetrating primer for the time being. Old coatings must be cleaned (GEIGER SE-1 leachers / PUROL active cleaner concentrate) and tested for adhesion.

Processing

During application, a minimum substrate temperature of 12 °C and a maximum air humidity of 70 % Must be observed, otherwise film formation may be impaired, resulting in poor drying, reduced adhesion, reduced gloss, poor flow or poorer resistance.

When mixing the A and B components together, ensure that they are mixed particularly thoroughly (agitator).

System structure

2 x BRILALUX 2K-PUR anti-graffiti DD-407 protective paint pigmented

Graffiti cleaning

Paint smears can be easily removed with GEIGER anti-graffiti cleaner. Spray on, leave to work for 3 to 5 minutes and dab off the dissolved graffiti with a soft cloth. Repeat the procedure if necessary. Then rinse the cleaned surface well with clear water.

Drying

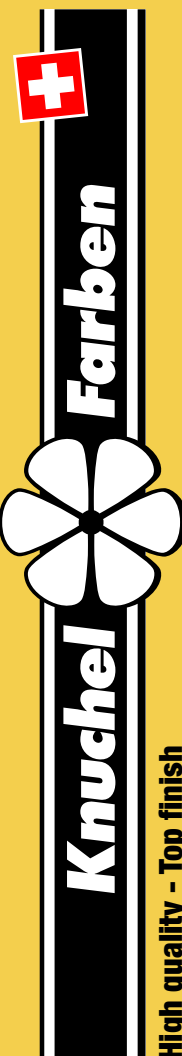
- ◆ Dust dry after about 45 minutes
- ◆ Firm to the touch and recoatable after 4–6 hours
- ◆ The second coat must be applied within 48 hours.
(depending on the temperature, application quantity and humidity)

Dilution

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

Extensiveness

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



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| Mixing ratio | 5 parts by weight component A and 1 part by weight component B (5 : 1). |
| Pot life | <p>After mixing the A and B components, BRILALUX can be processed for 2–3 hours at 20 °C. Mixing units should therefore not be too large. Mixed material that becomes musty in the processing phase may no longer be used.</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 | <p>Brush, roller or spray gun.</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 | Clean tools immediately after use with universal or cleaning thinner. |
| Renovation | Sand the substrate to a uniform matt finish and then recoat with BRILALUX. If a different topcoat is required, sand and apply an intermediate coat of BLEND [®] -POX. |
| Delivery form | Packages (including hardener) of 11, 5,5 and 1,1 kg. |
| Shelf life | <p>Components A: BRILALUX can be stored for at least 12 months in the well closed original container. 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. Store in a cool but frost-free place.</p> |
| 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 | <p>Components A: Modified polyurethane resins</p> <p>Components B: Aliphatic isocyanate (article 924 / type DD-3)</p> |
| Pigment base | Titanium dioxide, inorganic and organic coloured pigments. |
| Gloss level | Matt (approx. 12 % at 60° angle) |
| Colours | <p>The entire colour range (RAL, NCS, etc.) is available under the BRILA-TINT industrial tinting system. BRILALUX is not suitable as a colorless protective coating due to its slightly cloudy inherent color. For this application we recommend the product GEIGER 2K-PU anti-graffiti protective lacquer.</p> |
| Registration | <p>Components A: CPID 611749</p> <p>Components B: CPID 263995 (article 924 / type DD-3)</p> |
| 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

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.

Furthermore, we refer to our General Terms and Conditions (GTC) on our homepage.