

# BRILAFER

## 2K-DD hammer finish

Art. 215 / 10 / 0723

VFL  
Vismara Farbladen



### Properties

BRILAFER 2K-DD hammer finish is a cold-curing 2-component acrylic-polyurethane paint for highest demands on chemical and solvent resistance as well as mechanical resistance. Due to the special hammerblow-like structure and the good filling power, excellent results can be achieved even with smaller unevenness of the substrate.

### Field of application

For the painting of machines, devices, equipment, switchboards, automats and all kinds of articles of daily use.

### Processing

1. The substrate must be clean, dry and free of grinding dust, oil, wax and other contaminants.
2. BRILAFER 2K-DD hammer finish can be applied directly to the substrate without primer. Due to the hammerblow structure, however, it produces very thin layers of paint in places, which is why a primer to increase corrosion resistance is advantageous. By using a primer similar to the colour tone, it also increases the yield of the hammerblow varnish.
3. In order to achieve an even formation of the hammerblow effect, it is recommended that a thin pre-spray be applied first and then an even, rich post-spray. With vertical surfaces, care must be taken to ensure that there is no tendency for run-off after application, as the subsidence of the crater landscape would result in an unsightly appearance.
4. By varying the spray pressure, material quantity, distance to the object and nozzle size, the effect image can also be varied. In contrast to conventional top coats, the BRILAFER 2K-DD hammer finish is sprayed with higher spray viscosity. Depending on the type of system, between 30–60 DIN seconds. The nozzle diameter should be at least 1,5mm.

To achieve the desired hammering effect, special silicone compounds are added to the product in very small quantities. However, these degrade or absorb over time, so that the effect formation decreases. The product may also tend to rethicken, especially at higher temperatures. This increase in viscosity also results in a deterioration of the effect formation. By adding hammer blow thinner or minor additions of silicone oils, superimposed hammer blow paints can be restored to a serviceable condition.

### System structure

- 1 x Priming in a similar shade with BRICAPOX 2K epoxy primer EP-351 or ECLAPOX EP 2K-phosphate primer
- 1–2 x BRILAFER 2K-DD hammer finish in the desired shade

### Drying

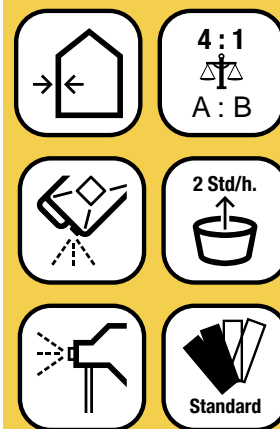
- ◆ Dust dry after about 30 minutes
- ◆ Fully dried after about 2 hours  
(depending on the temperature, application quantity and humidity)

### Dilution

To obtain the full formation of the effect, the use of the special hammer finish paint thinner is recommended. It can also be diluted with DD thinner. Other thinners may react with the hardener and affect the quality of BRILAFER.

### Extensiveness

6–8 m<sup>2</sup> per kg per application, depending on the quantity applied and the condition of the substrate.



Farben

Knuchel

High quality – Top finish

|                       |   |
|-----------------------|---|
| <b>Mixing ratio</b>   | 4 parts by weight component A and 1 part by weight component B (4 : 1).   |
| <b>Pot life</b>       | <p>After mixing the A and B components, BRILAFER can be processed for about 2 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>   |
| <b>Application</b>    | <p>Spray gun, but is also suitable for brushing or rolling.</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>   |
| <b>Cleaning</b>       | <p>Clean tools immediately after use with universal or cleaning thinner.</p> <p><u>Attention:</u> The silicone oils used in hammer finish paints can lead to painting defects when changing over to smooth paints (silicone eyes). Therefore, a complete separation from cleaning agents or even spray guns is advisable.</p>   |
| <b>Delivery form</b>  | Packages (including hardener) of 10, 5 and 1 kg.  |
| <b>Shelf life</b>     | <p>Components A: BRILAFER 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> |
| <b>Viscosity</b>      | 1350–1450 mPa.s   |
| <b>Binder base</b>    | <p>Components A: Modified polyurethane resins</p> <p>Components B: Aliphatic isocyanate (article 972 / type DD-2)</p>   |
| <b>Gloss level</b>    | Silky Gloss   |
| <b>Colours</b>        | According to colour chart or according to pattern.  |
| <b>Registration</b>   | <p>Components A: CPID 276698</p> <p>Components B: CPID 660201 (article 972 / type DD-2)</p>   |
| <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 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>      |