

Technical information



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Effects: PU Glass lacquer base FANTASTIC-COLOR DB 4888x-(colour tone)

Products required:

- PU Glass lacquer DB 42395-(colour tone) or optionally
- FANTASTIC-COLOR DB 4888x(gloss level)-(colour tone)
+ 5 % Glass lacquer additive EL 460-0025

Hardening: with PU Hardener DR 4076-0001

Thinning: with PU Thinner DV 4900

Please observe the precise addition of hardeners and thinners in the information below.

Description / features:

- Opaque, coloured coating
- Polyurethane coating behind glass based on FANTASTIC-COLOR

Area of application:

Hotel facilities, shop fitting, discerning residential applications, kitchens, etc.

Processing time:

See separate technical information sheets for the individual products.

Pot life:

See separate technical information sheets for the individual products.

Application example:

In 2 variants

Pre-treatment: degrease the surface of the glass using cleaning thinner ZD 101

Reverse-glass coating for accenting a kitchen front

Variant 1:

- Spray 1 even coat of PU Glass lacquer DB 42395-7044 at 130 - 160 g/m²
Mixing ratio 5 : 1 with PU Hardener DR 4076-0001
diluted with 20 - 25 % PU Thinner DV 4900
- Packable after drying for at least 16 h / 20 °C
- Fully resilient after complete hardening for 7 d / 20 °C



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Variant 2:

- Spray 1 even coat of FANTASTIC-COLOR DB 48885-7044 at 130 - 160 g/m²
+ 5 % Glass lacquer additive EL 460-0025
Mixing ratio 5 : 1 with PU Hardener DR 4076-0001
diluted with 20 - 25 % PU Thinner DV 4900
- Packable after drying for at least 16 h / 20 °C
- Fully resilient after complete hardening for 7 d / 20 °C

Technical specifications:

Please refer to the technical information sheets for the individual products.

Application process:

valid for lacquers based on DB 4888x(gloss level)-(colour tone):

- Spraying by cup gun:
spray nozzle size 1.8 - 2.0 mm, spray pressure 2.5 - 3.5 bar
- Airless with air support:
spray nozzle size 0.28 - 0.33 mm, spray pressure 60 - 100 bar
Atomized air: 2 - 2.5 bar
- Curtain coating: possible

Special instructions:

- PU lacquers should not be processed and dried at material and/or room temperatures below 18 °C.
- The final hardness of the coating is achieved after one week in correct storage conditions (at least 20 °C room temperature).
- Please apply a test coat under practical conditions.

Bonding:

Please only perform bonding of coated glass panels after sufficient hardening of the coating; minimum drying time 5 d at 20 °C room temperature.

An overview of the tested "adhesives" can be found on our homepage under Service and Technical Descriptions in the general technical information "Adhesives for lacquered glass surfaces" or directly under:

[https://www.hesse-lignal.de/fileadmin/content/documents/Technische_Beschreibungen_deutsch/Allgemein - Kleber fuer lackierte Glasflaechen.pdf](https://www.hesse-lignal.de/fileadmin/content/documents/Technische_Beschreibungen_deutsch/Allgemein_-_Kleber_fuer_lackierte_Glasflaechen.pdf)

Note:

This information is purely advisory and is based on the best knowledge available after careful research in line with current state of the art technology. The information is not legally binding. We also refer you to our Terms and Conditions.

A material safety data sheet is available according to regulation (EC) No. 1907/2006.