



OLI-PUR 2K Buntlack 40.25 - two-component colour lacquer -

Product description

Effective, quick-drying, two-component PU-based colour lacquer with good opacity and lightfastness for open-pore to semi-closed-pore coatings of wooden surfaces in the interior subject to normal and intensive wear. Available in nearly all RAL, NCS and Sikkens colours or custom-made colour shades within our OLI-PUR colour mixing system.

Properties

- quick drying
- good opacity
- lightfast
- colour stable
- resistant to stains
- good chemical and mechanical resistance

Test standards

- DIN EN 71-3 (heavy metals)
- DIN 53160 (saliva and sweat proof) in combination with a finishing coat
- DIN 68861 T1 B (for certain surfaces)
- DIN 68861 T1 C (chemical resistance)
- free of APEO
- free of formaldehyde
- DINP-free

Areas of application

Particularly suitable for coloured surface coatings of all common wood types and woodwork in the interior subject to normal and intensive wear.

- Pre-treat MDF boards with diluted OLI-CRYL 2c Primer filler 26.50 in combination with OLI-PUR 2c Filler 40.30.
- For the use in bathrooms or kitchens, we recommend the application of a ring-resistant top coat of OLI-CRYL 2c Multi-coat lacquer 25.50. In this way, the coating is also resistant to extremely high wear.

Ordering information

| | | | | |
|---|------------------|--|--|--|
| OLI-PUR 2K Buntlack 40.25 - two-component colour lacquer - | | | | |
| Gloss level | silk matt | | | |
| Colour | RAL/NCS/Sikkens | | | |
| Container sizes | 20/10/2,5/1 ltrs | | | |
| OLI-CRYL Hardener | 11.4 | | | |
| Ordering code | 621 627 04 | | | |
| Container sizes | 10/3/1/0,25 ltrs | | | |
| Thinner | V 15 | | | |
| Ordering code | 919 667 01 | | | |

Labelling

For labelling details and safety instructions, please refer to our safety datasheet at www.oli-lacke.de.

Technical data

| | |
|--|-----------|
| Pot life: | 8 h |
| Shelf-life in factory sealed containers: | 12 months |
| Thinner: | V 15 |
| Curing agent: | 11.4 |
| Mixing ratio: | 10 : 1 |
| Air drying at +23°C/65% rh | |
| Dust dry: | 30 min |
| Sandable: | 5 h |
| Stackable: | 24 h |



Application methods

| | Cup spray gun | Airless /Airmix |
|---------------------------|---------------|-----------------|
| Spray pressure (bar) | 2,5 – 3,5 | 100 – 150 |
| Nozzle size (mm) | 1,5 – 2,2 | 0,23 – 0,28 |
| Thinner (%) | 10 – 20% | 5 – 15% |
| Viscosity (4mm cup) | 20 – 25 sec | 30 – 35 sec |
| Coverage per coat (g/sqm) | 80 – 130 | 80 – 130 |

Annotations/Instructions for use

- Stir well before use!
- Curing agents are moisture-sensitive, therefore close the container immediately after use.
- When using polyurethane lacquers, you should always do the intermediate sanding immediately before applying the next lacquer coat.
- Low temperatures slow down or even prevent the drying and hardening process of PUR lacquers. Avoid temperatures below +15°C.
- Maximum final film thickness: 80 µm.
- After a drying time of approx. 30 min, you can overcoat OLI-PUR 2c colour lacquer 40.25 “wet in wet” without intermediate sanding. In case of a later point of overcoating, e.g. after overnight drying, you have to do a fine intermediate sanding of the dried coloured surface with grit size 360.
- The surface must be absolutely dry and free of dirt, oil, grease and sanding dust.
- Since marginal colour variations cannot be entirely excluded, we recommend a test lacquering on the respective surfaces.

Application technology

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| Example | Shelf, MDF, RAL... | |
| 1. Gradual sanding | Grit size 150-180 | |
| 2. Filling | OLI-PUR 2c Filler 40.30 white, 150-250 g/sqm | |
| 3. Drying at 23°C / 65% rel. humidity | Dust-dry | Sandable |
| | 30 min | 2 h |
| 4. Intermediate sanding | Grit size 240-320 | |
| 5. Colour lacquer | OLI-PUR 2K Buntlack 40.25 / RAL..., 100 g/m ² | |
| 6. Drying at 23°C / 65% rel. humidity | Dust-dry | Stackable |
| | 30 min | 24 h |

Our verbal and written recommendations for application can only provide non-binding advice. They are based on our experiences and the current state of knowledge with regard to practical use. These recommendations, however, do not release the user from the obligation to test the suitability of the product for the intended purpose and application himself. This statement supersedes all previous versions. Last update: 28.09.2011.