










Crystallit® Two-Pack PUR High-Gloss Varnish CL-H



| Product description | | |
|--|---|---|
| Description | Two-pack, solvent-thinnable, lightfast PUR Varnish for High-Gloss Coatings | |
| Range of application | | |
| Description | Almost all wooden furniture in the interior. Especially for noble, high gloss closed-pore surfaces of wooden furniture and of objects coated with pigmented topcoats. | |
| Product data | | |
| Product code | CL-H | |
| Packaging size | 5l 25l | |
| Viscosity at delivery DIN 4 mm (sec.) | 17 sec. ± 2 | |
| Shelf life – Original container unopened | at least 2 years | |
| Gloss levels | | |
| Product number | Gloss level | DIN 67530 Angle of 60° |
| CL-H | high gloss | 92 ± 2 |
| Preparation of substrates | | |
|  | Raw wooden surfaces. | First, prime with Crystallit® Filling and Insulating Primer CL-FI. |
| | Surfaces coated with WNC | Topcoat must be applied without intermediate sanding after 3 hours up to a maximum of 8 hours |
| Processing | | |
|   | Shake or stir well before use! | |
|  | Mix and apply the product as described under "Hardener Thinner Additives". During coating and during drying, any incidence of dust must be avoided. In order to improve the high gloss effect and as a preparatory step for polishing after drying overnight, the surfaces should be depickled with P600-1200 grit paper and then be coated again with the same material. | |

| Hardener - Thinner - Additives | | |
|---|-----------|--|
|  | Hardening | 50 % PUR 5085 |
|  | Dilution | S 9004 normal drying S 9029 slow drying |
|  | Pot life | up to 4 hours |

| Application | | |
|--|---|---|
| |  |  |
| Spray pressure (bar) | 1.5 - 2.0 | 110-130 |
| Nozzle size (mm) | 1.4-1.8 | 0.18-0.23 |
| Processing viscosity DIN 4mm (sec.) | 17 | 17 |
| Coverage per application (g/m²) | 80-120 | 80-120 |
| Coverage (m²/l) | 6-10 | 6-10 |
| Coverage for IMO/USCG per application (g/m²) | 120 | 120 |









| Drying time @ 20°C | |
|---------------------|-----------------------|
| Dust dry | at least 30 minutes |
| Touch dry | at least 2 hours |
| Ready for transport | at least 16 hours |
| Sandable | at least 14 hours |
| Polishable | at least after 2 days |

| Aftertreatment | |
|--|--|
| After previous sanding with P600-1200 grit paper, the surface can be retreated with the same product at any time. Polishing is possible after the indicated period of time. Step-by-step instructions for the preparation of a perfect high- gloss surface can be found in a separate description. | |

Products from AkzoNobel Wood Coatings are exclusively produced for professional and industrial users, who have a basic knowledge of the handling and application of chemical/technical products for surface design. The processing instructions for reaching the qualities given in the leaflets should be regarded as non-binding recommendations and do not constitute any warranty. These recommendations are based on our experiences, including test series, and should facilitate and promote the work of our clients. Any potential deviation from ideal working conditions is within the responsibility of our clients and may affect the (end) result of the application. The purchaser is not relieved from his duties to inspect the product and its suitability for the surface to be processed, preferably through trial processing. If in any doubt as to the handling or processing of the purchased product, our material experts as well as our application and laboratory technicians will help you to the best of their ability. AkzoNobel, of course, guarantees an impeccable quality of its products in its product specifications, yet the use thereof lies entirely within the responsibility of the purchaser. As long as we have not guaranteed - in writing - the specific characteristics and suitability of a product for a contractually agreed purpose, any advice or information given regarding the application or handling, even if the advice or information is given to the best of our knowledge, will not be binding nor will it constitute a warranty. AkzoNobel's liability for the use of its products by its customers is limited in its General Sales and Delivery Conditions, to which the purchaser is hereby referred. The applicable version of the Technical Data Sheet for this product can be downloaded from our websites. Previous versions of the Technical Data Sheets are rendered void with the issue of a new one. Date of issue: 2021-07-05 / 21

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| Test standards | |
|---|---|
|  | DIN 68861/1B Chemical exposure of furniture surfaces |
|  | Approved for food contact applications according to Art. 31 par. 1 of the Foodstuffs and Feedstuffs Law (LFGB) |
|  | EN 71-3 Migration of soluble heavy metals |
|  | DIN 53160 Part 1 and 2 Resistance to saliva and sweat |
|  | General appraisal certificate with regard to low flammability according to DIN 4102/B1 on hardly inflammable B1-tested wooden particle boards, even veneered. |
|  | Hardly inflammable according to EN 13501 in combination with IF, WNC/colour and CL 7, 8, 9, 0, TM and CL-H on MDF material approved according to EN 13501. |
|  | Hardly inflammable according to the Marine Equipment Directive MED 2014/90/EC. |
|  | Tox Control - The label for low-emission furniture coatings |

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