

HYDROCURE COLOR T4205-25 S0502- Y 3875-843251

AkzoNobel

Type of Product Waterborne UV Curing Pigmented Top Coat	Storage Conditions Between 15 and 25 °C under clean and dry conditions. Protect from direct sunlight. During Transportation and Storage the material must not be exposed to temperatures below 5°C.									
Area of Use Furniture / Interior Joinery	Methods Spraying									
Packaging 3875-843251-810 - 1000 l	Application Viscosity Ready for use, delivery viscosity									
UV Curing Products UV lacquers react when exposed to ultra-violet radiation, including sunlight.	Applied Amount Approx. 90-120 g/m ² wet film									
Waterborne Products Any part of the application equipment directly exposed to this product should be made of plastic or stainless steel. NOTE: Continuous stirring of the product is not recommended. Great risk that the physical properties may change negatively with increase in viscosity and deterioration of the anti foaming ability. If larger packaging such as containers are used contact our technical staff for advice.	Cleaning 8500-070001. Rinse with water after cleaning.									
Binder Acrylic	Empty Packaging Disposal according to local regulations.									
Solid Contents 41,5 +/- 5,0 % by weight	Thermal Drying To achieve the best quality the product should be cured at min. 50°C.									
Delivery Viscosity 19-27 sec DIN Cup 6 @ 23 °C	UV Curing The product is physically dry after hot air drying and/or Infra Red lamps, but only cross-linked, chemical resistant and stackable after UV-curing with Mercury and Gallium lamps. The curing depends on various conditions, i.e. applied amount, UV intensity, line speed, temperature, etc. High surface temperature right before UV curing gives better hardness and chemical resistance. Tests are performed with the following standard settings: 100 W Ga + 100 W Hg 10 m/min.									
Density 1,15 +/- 0,05 kg/l	<table border="1"> <thead> <tr> <th>UV LAMP</th> <th>Total energy (mj/cm²)</th> <th>Peak effect (mW/cm²)</th> </tr> </thead> <tbody> <tr> <td>UVV (Ga)</td> <td>>800</td> <td>>700</td> </tr> <tr> <td>UVA (Hg)</td> <td>>300</td> <td>>400</td> </tr> </tbody> </table> Lower values give less hardness and chemical resistance.	UV LAMP	Total energy (mj/cm ²)	Peak effect (mW/cm ²)	UVV (Ga)	>800	>700	UVA (Hg)	>300	>400
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UVV (Ga)	>800	>700								
UVA (Hg)	>300	>400								
pH value 7-8	Additional Drying Information Please contact our Technical Staff for specific data concerning curing conditions on your line.									
Thinner Water										
Shelf Life 6 months in original, unopened package when stored following the storage conditions mentioned below. After the expiry date, contact our Technical Staff for an estimation of usability.										

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: 2021-07-09 / 12

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Gloss

Approx. 20 GU @ 60°. The final gloss depends on various conditions, i.e. application method, applied amount, drying conditions, etc.

Color

WHITE S0502-Y

HSE Information

Use safety gloves and safety eyewear/face shield during the work. See Safety Data Sheet for further information.

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