

TEKNOLUX AQUA 1429-41

UV-curing water-borne lacquer

UV-curing water-borne lacquer for furniture, stairs, and other wooden substrates. Only for interior use.

Quick drying and UV-curable after evaporation of water. After UV-curing the lacquer is robust and hard-wearing. Very good stacking properties.

FURNITURE TEST – Field of application:

Chairs/beds/shelves: Extra high demands

Tables: High demands

Less exposed surfaces: Extra high demands



TECHNICAL DATA

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| Fields of application | Furniture, Interior doors, Kitchen, Stairs |
| Recommended substrate | Chipboard, HDF, MDF, Softwood |
| Solids | Approx. 40% by weight |
| Viscosity | 20-28 s DIN 6 +20°C |
| Volatile organic compound (VOC) | Approx. 19 g/l (DIRECTIVE 2010/75/EU) The VOC value provided is the average value for factory produced products, and consequently it will be subject to variations between individual products covered by this Technical Data Sheet. |
| Gloss (60°) | Approx. 5-15. Other gloss levels by agreement. |
| Thinner | The product is delivered ready for use. If needed the product can be diluted with water. |
| Density | Approx. 1.03 kg/m ³ |
| Storage | Protected against frost and not above +30°C. Should not be exposed to direct sunlight. The storage stability is shown on the label. Store in a tightly closed container. |

DIRECTION FOR USE

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| Surface preparation | The surface should be well smoothed to reduce rising of wood fibres. |
| Application method | Air-assisted airless spraying |
| Recommended amount to be applied | 60-100 g wet lacquer per m ² . |

Application conditions

Stir thoroughly before use.

For evaluation of ventilation please contact Teknos consultant.

Used on dark woods, water-borne lacquers may show less "glow and depth" than solvent-borne lacquers.

Drying time

At 60% RH

- stackable

Immediately after UV-curing and cooling to +30°C.

- fit for sanding

Immediately after UV-curing.

| Flash off | +40°C - +50°C | UV |
|------------|------------------------|----------------------------------|
| 15-30 min. | 10 min. by ventilation | 5 m/min. per lamp HG (80W/cm) |

The drying times are based on an amount applied of 100 g wet lacquer per m² and efficient ventilation.

Drying methods

Air-, or air- and oven-drying followed by UV-curing.

Cleaning

Water, TEKNOCLEAN 1949-00.

HEALTH AND SAFETY

Safety and precaution measures

See safety data sheet.

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