

TEKNOLUX AQUA 1429-44

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

Fields of application	Furniture, Interior doors, Kitchen, Stairs
Recommended substrate	Chipboard, HDF, MDF, Softwood
Solids	Approx. 37% by weight
Viscosity	56-66 s DIN 4 +20°C
Volatile organic compound (VOC)	Approx. 21 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°)	40. 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

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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