

TEKNOCOAT AQUA 1879-21

Water-borne lacquer

Polyurethane magnified, water-borne lacquer. Surface treatment of floors, furniture, and other wooden substrates for indoor use.



Quick drying lacquer that provides a very wearing resistant surface. Adhesion to certain plastic types like PVC.

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, Stairs, Floors
Recommended substrate	Hardwood, Softwood
Solids	Approx. 27% by weight
Viscosity	50-60 s, DIN 4 at +20°C.
Volatile organic compound (VOC)	Approx. 15 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.
Colours	Max. pigment content of 3% by weight.
Tinting system	Teknolor
Gloss (60°)	Matt
Thinner	If needed the product can be diluted with water.
Density	Approx. 1.04 kg/l
Storage	Protected against frost and not above +30°C. The storage stability is shown on the label. Store in a tightly closed container.

DIRECTION FOR USE

Surface preparation	The surface to be treated must be dry, clean, and free from dust. Previously painted surfaces should be properly mat sanded. The surface should be well smoothed to reduce rising of wood fibres.
Application method	Brush, Mohair roller, Airless spraying, Air-assisted airless spraying, Conventional spraying
Recommended amount to be applied	2 x 100 g/m ²

Application conditions

Stir thoroughly before use. Should not be applied or left to dry at temperatures below +18°C.

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. Wood containing tannin such as oak may result in smoke-tinting.

Before final lacquering we recommend test lacquering and tape test.

Drying time	+20°C / 60% RH
- stackable	2 h
- fit for sanding	1 h
- forced drying	Min. +40°C/60% RH - stackable: approx. 30 min. - fit for sanding: approx. 45 min.
	The drying times are based on an amount applied of 100 g wet lacquer per m ² and efficient ventilation. After forced drying the objects should be cooled to +30°C before stacking.
Drying methods	Air or oven drying.
Cleaning	Water, TEKNOCLEAN 1949-00.

HEALTH AND SAFETY

Safety and precaution measures See safety data sheet.

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