

TECHNICAL DATA SHEET 2 16.11.2015

TEKNOLUX AQUA 1429

UV-curing water borne lacquer

1429-5X

PAINT TYPE	UV-curing water borne lacquer.						
USE	For furniture and other wooden substrates. Only for interior use.						
SPECIAL PROPERTIES	Quick drying and UV-curable after evaporation of water. After UV-curing the lacquer is robust and hard-wearing. Very good stacking properties.						
TECHNICAL DATA							
Gloss	Variant 53: 25-35						
	Available in other gloss levels.						
Delivery viscosity	By agreement.						
	Available in further viscosities.						
Specific gravity	Approx. 1.04 kg/l						
Solids, weight	Approx. 32-40 %						
Total mass of solids	Approx. 330-400 g/l						
Volatile organic compound (VOC)	See Safety Data Sheet.						
Storage	Protected against frost and not above 30 °C. Should not be exposed to direct sunlight. Storage: See label. Store in a tightly closed container.						
Application method	Spraying.						
Drying method	Air and oven drying followed by UV-curing.						
Furniture test	Field of	fapplication	Basic demands	High demands	Extra high demands		
	I	Chairs/beds/shelves			Х		
	II	Tables		х			
		Less exposed surfaces			Х		

DIRECTIONS FOR USE							
Application data	The product is delivered ready for use. If necessary dilute with water. As this is a water borne product, the surface should be well-smoothed to reduce rising of wood fibres.						
Drying	At 60 % RH:	<u>Flash off.</u> 5-10 min.	<u>40 °C</u> 10 min. by ventilation	<u>UV</u> 5m/min. per lamp HG (80W/cm)			
	The drying time is based on an applied amount of 100 g wet lacquer per m ² . Dry for sanding: Immediately after UV-curing. Dry for stacking: Immediately after UV-curing and cooling to 30 °C.						
	When re-coating / re-treating an intermediate sanding must be carried out.						
Recommended amount to be applied	70-110 g wet lacquer per m².						
Cleaning	Tools should be cleaned with water or TEKNOCLEAN 1949.						
Primer if necessary	TEKNOLUX AQUA 1429-33.						
HEALTH AND SAFETY	See Safety Data Sheet.						
ADDITIONAL INFORMATION	Should be stirred well 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 based lacquers.						

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