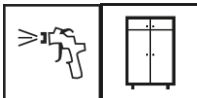


ARTICLE: AQUA-UV-COLOR  
 ITEM-NO.: JK6779  
 SYSTEM: Water-Based, UV Coloured Lacquer



### PRODUCT PROPERTIES

### SCOPE OF APPLICATION

AQUA-UV-COLOR JK6779 is a coloured, water-based, UV coloured lacquer and is characterised by:

- good mechanical and chemical resistance
- very high coverage
- high light stability

Suitable for coating of:

- several solid timbers (Except tropical and ingredient rich woods)
- veneered substrates

The product is well suited for the application on:

- furniture surfaces
- wooden composites and components

### TECHNICAL DATA

### APPLICATION

- Colour:



- Gloss level: unterschiedliche Glanzgrade möglich

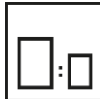

- Viscosity: 45-65 s DIN 53211/ 6 mm

- Density: approx. 1,06 g/cm<sup>3</sup>

Application quantity per layer (g/m <sup>2</sup> )	80-120
Quantity of applied layers	1-2
Jet nozzle (mm)	
Air pressure (bar)	
Material pressure (bar)	

### UV-CURING

### HARDENER, THINNER, RETARDER

Type of illuminant	gallium/mercury		Hardener	-
Feed speed [m/min]	5-10			
Dose of radiation [mJ]				
Lamp output [W/cm <sup>2</sup> ]	80-120			
			Thinner	If necessary: water add max.: 5 %
<p><b>It is important to ensure that all the water in the lacquer film is removed before UV-curing. At the recommended layer thickness (80-120 g/m<sup>2</sup>) it is not required to dry the lacquer film separately.</b></p>			Retarder	-

Item No.: JK6779

## STORAGE



Store material in a tightly closed container and under dry and cool conditions. Protect from frost.

### Shelf life:

JK6779: 6 months

(when stored in the original unopened containers)

## CLEANING



Clean tools immediately after use with

- Water or
- JZ9460-0-001

## SPECIAL GUIDANCE

- Stir well before using!
- The substrates which should be coated have to be conditioned 12 hours before coating.
- It is recommended to perform preliminary trials to test the suitability of the coating system with the desired substrate.
- The surfaces have to be perfectly sanded, dry, free of grease, oil and silicones before the application.
- High humidity and a moisture content above 10% must be avoided at all costs. High humidity leads to longer drying times. The indicated times depend on the application quantity, the room temperature and the relative humidity.
- Protect the containers from drying out and always close them tightly immediately after removing the material. Keep away from sunlight to avoid skinning. Remove dried out skin by sieving.
- Before starting the application, check the colour shade for accuracy (slight colour deviations reserved). Make a reference sample on the respective wood.
- Stir occasionally during processing to ensure that the colour tone, opacity and gloss level are identical. The basis of our colour shades is the observation in daylight (D65).
- In the case of standard colours, the colour shades shown in the sample card are only for orientation.
- Avoid contact with iron, copper, zinc and aluminium. Use equipment made of rustproof materials only.
- Thinners or solvents of conventional lacquers must not get into the water-based lacquer.
- When opening the container, do not allow any encrusted lacquer residues to fall into the lacquer. These do not dissolve and can only be removed by sieving. Do not allow lacquer residues to enter the sewer system, but dry out and dispose of with industrial waste.
- When changing from water-based lacquer to solvent-based lacquers, thoroughly rinse spray equipment with diluted Water-based Lacquer Cleaning Concentrate JZ9460, then with water, then with UNI-CLEAN JT1803-0-001 or DD-Thinner JT1244-0-001. When changing to water-based lacquers again, clean in reverse order.

## TESTING STANDARDS

- EN 71, part 3 free of extractable heavy metals
- DIN-68861-1C chemical resistance

### Safety guidance:

The information in this technical data sheet is based on the current knowledge and experience of PLANTAG Coatings GmbH. The product processor is not exempted from its own testing and testing of the products with regard to the intended use as well as the wealth of possible influences during processing and application. Existing laws and regulations are to be observed by the recipient of our products in their own responsibility. Labeling in accordance with the Ordinance on Hazardous Substances and Transport Law can be found in the safety data sheet. A legally binding assurance of certain properties or suitability for a specific purpose cannot be derived from our information. Recommendations deviating from the information in our technical data sheets are only binding for us if they have been confirmed in writing. Our terms and conditions are an integral part of this technical information sheet [Mrz-26]

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