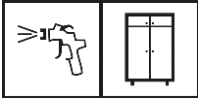


**ARTICLE:** 2K AQUA-EXCELLENCE-CLEAR  
**ITEM-NO.:** JM8425  
**SYSTEM:** Water-Based, 2C Clear Lacquer



### PRODUCT PROPERTIES

2K AQUA-EXCELLENCE-CLEAR JM8425 is a clear, water-based, 2C clear lacquer, usable as primer and topcoat and is characterised by:

- Excellent chemical and mechanical resistance
- Easy to use
- Excellent leveling properties
- Suitable for over-coating colored surfaces

### SCOPE OF APPLICATION

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

### TECHNICAL DATA

- Colour: clear
- Gloss level: JM8425-1-001 (natural matt)  
JM8425-2-001 (deep matt)  
JM8425-3-001 (matt)  
JM8425-4-001 (semi-matt)  
JM8425-5-001 (semi-gloss)
- Viscosity: 25-30 s DIN 53211/ 4 mm
- Density: approx. 1,00 g/cm<sup>3</sup>

### APPLICATION

		
Application quantity per layer (g/m <sup>2</sup> )	80-120	
Quantity of applied layers	1-2	
Jet nozzle (mm)	1,5-2,0	0,28-0,33
Air pressure (bar)	2,5-3,0	1,0-2,0
Material pressure (bar)		100-120

### DRYING

Dust-dry after	60 min	
Sandable after	4 h	
Overcoatable after	4 h	
Stackable after	24 h	
Completely dried after	24 h	
Cured after		

### HARDENER, THINNER, RETARDER

Hardener	10:1 by weight with hardener JH8410-0-001
Pot life	with hardener JH8410-0-001: 3 h (shortens at high temperatures)
Thinner	If necessary: water add max.: 10 %
Retarder	-

( at 20 °C and 35-65 % relative humidity and depending on the applied quantity)

Item No.: JM8425

## STORAGE



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

### Shelf life:

JM8425: 6 months

Hardener JH8410-0-001: 6 months

(when stored in the original unopened containers)

## CLEANING



Clean tools immediately after use with

- Water

## SPECIAL GUIDANCE

- Stir well before using!
- Hardener and lacquer must be thoroughly mixed!
- 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.
- 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.
- The hardener must be added under strong mixing using adequate technical devices like drill or air-mixer or manually but only if the hardener can be adequately incorporated.

## TESTING STANDARDS

- EN 71, part 3 free of extractable heavy metals
- DIN 68861-1B Chemical Resistance
- DIN 53160 Saliva and Sweat Resistance
- DGNB Criteria for Quality Level 4
- Decopaint-compliant

### 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 [Apr-26]

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