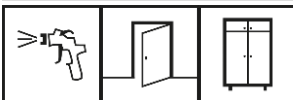


ARTICLE: AQUA-MAGIC-COLOR
ITEM-NO.: JK7462-XXXX
SYSTEM: Water-Based, 1C Top Coat



PRODUCT PROPERTIES

Aqua-Magic-Color JK7462-XXXX is a coloured, water-based, 1C top coat and is characterised by:

- very high light stability
- very high coverage
- very good sanding marks covering
- extra good leveling properties

SCOPE OF APPLICATION

Suitable for coating of:

- MDF-boards with priming paper, insulated MDF-boards and filler coated MDF-boards
- several solid timbers (Except tropical and ingredient rich woods)
- veneered substrates
- well sanded (matt sanded) melamine resin plates
- Glass (Backglass Coating)

The product is well suited for the application on:

- furniture surfaces
- doors
- wooden composites and components

TECHNICAL DATA

- Colour: RAL/NCS/special colour adjustments
- Gloss level: matt
- Viscosity: 100-150 s DIN 53211/ 4 mm
- Density: 1,05-1,2 g/cm³

APPLICATION



Application quantity per layer (g/m ²)	100-130	
Quantity of applied layers	1-2	
Jet nozzle (mm)	1,8-2,0	0,28-0,33
Air pressure (bar)	1,8-2,5	1,0-1,2
Material pressure (bar)		100-120

DRYING

HARDENER, THINNER, RETARDER

Dust-dry after	30 min		Hardener	Aqua-Crosslinker JH8413-0-001 can be used as an additional crosslinking component. Depending on the application, an addition of 2-5 % is recommended. Stir carefully immediately after adding to the paint component. A waiting time of approx. 10 minutes is recommended before starting processing.
Sandable after	2-3 h			
Overcoatable after	3-5 h		Pot life:	After addition, a processing time of approx. 8 hours is recommended, as the positive properties of the crosslinker will then decrease again.
Stackable after	24 h			
Completely dried after	48 h		Thinner	If necessary: water add max.: 5 %
Cured after	7 d			
(at 20 °C and 35-65 % relative humidity and depending on the applied quantity)			Retarder	-

Item No.: JK7462-XXXX

STORAGE



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

Shelf life:

JK7462-XXXX: 12 months

JH8413-0-001: 6 months

(when stored in the original unopened containers)

CLEANING



Clean tools immediately after use with

- Water or
- JZ9460-0-001*

*Diluted with 80 parts water and 20 parts 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.
- 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 JZ9460-0-001 then with water, then with Uni Washing Solvent JT1803-0-001 or DD Thinner JT1244-0-001. When changing to water-based lacquers again, clean in reverse order.
- In order to achieve absolute metal marking resistance, overcoating with JM7475-X is recommended.

TESTING STANDARDS

- In combination with Aqua-Magic-Filler JB7430-XXXX, it can be used as a coating for flame-retardant, veneered chipboard in interior areas. (fulfils class DIN 4102-B1 in combination)
- Free from formaldehyde
- Decopaint-compliant
- DGNB quality level 3 criteria for coatings on non-mineral substrates

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 [Jul-25]

PLANTAG Coatings GmbH

Ohmstraße 8
32758 Detmold
GERMANY
Fon: +49 5231 6002 661
Fax: +49 5231 6002 9661
E-Mail: info@jordanlacke.de

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