

ARTICLE: JORA-COLOR
ITEM-NO.: JK2150
SYSTEM: Solvent-Based, 2C Coloured Lacquer



PRODUCT PROPERTIES

JORA-COLOR JK2150 is a pigmented, solvent-based, 2C coloured lacquer and is characterised by:

- very high light stability
- very good adhesion on difficult substrates
- good sanding marks covering
- good leveling properties
- suitability for children's toys
- good mechanical and chemical resistance

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

The product is well suited for the application on:

- furniture surfaces

TECHNICAL DATA

- Colour: RAL/NCS/Sikkens
- Gloss level: matt
- Viscosity: 80-100 s DIN 53211/ 4 mm
- Density: 0,95-1,09 g/cm³

APPLICATION

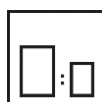


Application quantity per layer (g/m ²)	140-180	
Quantity of applied layers	1-2	
Jet nozzle (mm)	1,5-1,8	0,28-0,33
Air pressure (bar)	1,8-2,0	1,0-2,0
Material pressure (bar)		100-120

DRYING

Dust-dry after	30 min
Sandable after	
Overcoatable after	6 h
Stackable after	over night
Completely dried after	15 h
Cured after	7 d

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



HARDENER, THINNER, RETARDER

Hardener	10:1 by volume with hardener JH2132-0-001
Pot life	with hardener JH2132-0-001: 8 h (shortens at high temperatures)
Thinner	If necessary: JT1244-0-001
Retarder	If necessary: JT1019-0-001 add max.: 5 %

Item No.: JK2150

STORAGE



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

Shelf life:

JK2150: 12 months

Hardener JH2132-0-001: 6 months

(when stored in the original unopened containers)

CLEANING



Clean tools immediately after use with

- Nitro-Thinner JT1415-0-001 or
- DD-Thinner JT1244-0-001 or
- UNI-CLEAN JT1803-0-001

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.
- 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.
- Solvent-based products are flammable, also during processing and drying.
- Only flame-retardant (DIN 4102-B1) on flame-retardant chipboards and on veneered flame-retardant chipboards that are flame-retardant in combination.
- For MDF-boards with high quality and high density (> 700 kg/m³), the lacquer can be used without pre-insulation. MDF-boards with lower raw densities must be pre-insulated with a primer.
- Metal marking resistance for JORA-COLOR JK2150 is achieved by overcoating with GIESS-COLORLUX JM2370.

TESTING STANDARDS

- JK2150 in combination with JB2338 may be used indoors as a coating for flame-retardant particle boards and flame-retardant veneered particle boards (fulfils class DIN 4102-B1).
- EN 71, part 3 free of extractable heavy metals
- DIN 53160 resistant to saliva and perspiration
- DIN-68861-1B chemical resistance
- PVC resistant
- Free of formaldehyde

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 [Mai-25]

PLANTAG Coatings GmbH

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

JORDAN LACKE – a brand of PLANTAG Coatings GmbH