

**ARTICLE:** HIGH-SOLID-CLEAR  
**ITEM-NO.:** JM2400  
**SYSTEM:** Solvent-Based, 2C Multi-Layer Coating



## PRODUCT PROPERTIES

HIGH-SOLID-CLEAR JM2400 is a transparent, solvent-based, 2C multi-layer coating and is characterised by:

- very high chemical resistance
- very high filling capacity
- fast drying
- very good sandability

## SCOPE OF APPLICATION

Suitable for coating of:

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

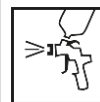
The product is well suited for the application on:

- furniture surfaces

## TECHNICAL DATA

- Colour: transparent
- Gloss level: JM2400-6-001 glossy  
JM2400-3-001 matt  
M2400-2-001 deep-matt
- Viscosity: 18-22 s DIN 53211/ 4 mm
- Density: approx. 0,95 g/cm<sup>3</sup>

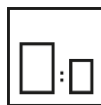
## APPLICATION



Application quantity per layer (g/m <sup>2</sup> )	140-160	
Quantity of applied layers	2	
Jet nozzle (mm)	1,5-1,8	0,28-0,33
Air pressure (bar)	2,0-2,5	1,0-2,0
Material pressure (bar)		100-120

## DRYING

Dust-dry after	30 min
Sandable after	4-5 h
Overcoatable after	5-6 h
Stackable after	15 h
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	2:1 by volume with hardener JH2023-0-001
Pot life	with hardener JH2023-0-001: 2 h (shortens at high temperatures)
Thinner	If necessary: JT1244-0-001
Retarder	If necessary: JT1019-0-001 add max.: 5 %

Item No.: JM2400

## STORAGE



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

### Shelf life:

JM2400: 12 months

Hardener JH2023-0-001: 6 months

(when stored in the original unopened containers)

## CLEANING



Clean tools immediately after use with

- 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.
- Solvent-based products are flammable, also during processing and drying.
- Pot life approx. 2 hours when using JM2400-4, JM2400-3, JM2400-2.
- Pot life of approx. 45 minutes when using JM2400-6-001.
- The glossy version JM2400-6-001 is not mixable with the matt versions JM2400-4-001, JM2400-3-001, JM2400-2-001!
- HIGH-SOLID-CLEAR JM2400-6-001 can be polished after drying for at least 15 hours.
- If a closed-pored high-gloss surface is to be created, it is recommended to prime with HIGH-SOLID-BASE JB2450-0-001.

## TESTING STANDARDS

- EN 71, part 3 free of extractable heavy metals
- DIN 53160 resistant to saliva and perspiration
- DIN-68861-1B chemical resistance
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### 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]

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