

ARTICLE: HIGH-SOLID-BASE COAT
ITEM-NO.: H 4500
SYSTEM: Solvent-Based, 2C Sealer



PRODUCT PROPERTIES

HIGH-SOLID-BASE COAT H 4500 is a clear, solvent-based, 2C sealer and is characterised by:

- very high filling capacity

SCOPE OF APPLICATION

Suitable for coating of:

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

TECHNICAL DATA

- Colour: transparent
- Gloss level: glossy
- Viscosity: approx. 28 s DIN 53211/ 4 mm
- Density: approx. 0,957 g/cm³




APPLICATION



Application quantity per layer (g/m ²)	120-140	
Quantity of applied layers	1-2	
Jet nozzle (mm)	1,5-1,8	0,28-0,33
Air pressure (bar)	2,0-3,0	1,0-2,0
Material pressure (bar)		100-120

DRYING

HARDENER, THINNER, RETARDER

Dust-dry after	30 min		Hardener	2:1 by volume with hardener H 4002
Sandable after	6-8 h			
Overcoatable after	10 h		Pot life	with hardener H 4002: 2 h (shortens at high temperatures)
Stackable after	15 h			
Completely dried after	15 h		Thinner	If necessary: V 2244
Cured after	7 d			
(at 20 °C and 35-65 % relative humidity and depending on the applied quantity)			Retarder	If necessary: V 19

Item No.: H 4500

STORAGE



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

Shelf life:

H 4500: 12 months

Hardener H 4002: 6 months

(when stored in the original unopened containers)

CLEANING



Clean tools immediately after use with

- DD-Thinner V 2244 or
- UNI-WASHING SOLVENT V 803

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.
- Top coats : HIGH-SOLID-BASE COAT H4500 can be coated with the following lacquers: GIESS-COLORLUX H373 semi-matt, H 375 matt, H376 deep-matt, H377 special matt, 2 K Classic-Extreme-Resist 894. For creating a high-gloss surface with HIGH-SOLID-SCHICHTER H 4001 or Jora-Brillant JB 875. Bleached wood must dry for 36 hours after bleaching with hydrogen peroxide/salmiac. For varnishing bleached surfaces, HIGH-SOLID-BASE COAT H 4500 must be mixed with Hardener H132 in the mixture 2 :1 + 10% Accelerator S 408. Surfaces stained with CB stains cannot be overcoated with HIGH-SOLID-BASE COAT H 4500.

TESTING STANDARDS

- EN 71, part 3 free of extractable heavy metals
- DIN ISO 2409 GT 0 adhesion

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-24]

PLANTAG Coatings GmbH

Plantagenweg 34-38
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