

### Characteristics

Ready-to-use, water-based, lightfast, acrylate-based pigment stain with a long shelf life and with deep grain staining. Can be painted over with all CLOU wood lacquers; also with water-based lacquers using the brush method, without causing the pigments to be flushed out.

### Areas of Application

For uniform, pore-deep colouring of all commercially available interior hard and soft woods.

### Processing/Application



Methods of application:	Spray gun	Brush
Nozzle diameter (mm):	1.0–1.5	–
Spraying pressure (bar):	2.0–3.0	–
Amount applied (g/m <sup>2</sup> ):	80–120	80–120
Yield (m <sup>2</sup> /litre):	7	5

### Technical Data

Dilution:	UHB colourless no. 2520
Working consistency:	ready-to-use
Consistency:	~ 10 sec./DIN 4mm
Density (g/cm <sup>3</sup> ):	~ 1.010
pH value:	~ 9

### Drying

(at 20 °C and 50% relative humidity)

Dust dry:	30 minutes
Recoatable:	12 hours

### Cleaning

Clean equipment immediately after use with clean water or CLOU® AQUA Cleaner (especially for dried lacquer residues).

### Storage/Disposal

Store in properly sealed original containers in a cool place protected from frost. Residues must undergo special treatment and must be consigned to those authorized companies that collect special waste. Recommended waste code according to the European waste directory: 08 01 12 (final determination must be coordinated through the regional waste utility). Dried lacquer residues can be disposed of in the normal household waste. Can be stored for 2 years in original sealed containers.

### Safety Instructions

Do not allow to drain into the groundwater or sewage system.

### Special Instructions

Any of the shades of the UHB stains can be mixed together to form intermediate shades. Tinting with UHB colour concentrate. Lightening with UHB colourless.

### Test Standards

This product complies with the directive VdL-RL 02 "Wood Paint Systems".

### Ordering information

Item no.: 2300. (+ shade no.)

There are 17 standard shades available as per the sample sheet as well as numerous special shades. Colours can also be measured and adjusted colour-metrically according to sample specifications.

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### Pretreatment

After the usual moistening and drying of the wood, sand with grain size 120–150 and carefully remove any dust.

Deresinize resinous woods prior to staining with CLOU® Deresinifier no. 499.

### Application

(Surface temperature > 15 °C, moisture content of wood 8–12%)

Stain should be thoroughly stirred or shaken before and also during use to ensure colour consistency.

Spray application:

Either spray the UHB Stain with even saturation lengthways over the whole surface and after 1-2 minutes spread and even out with long strokes of a very wide and soft brush, or dry spray the stain in such a way that the surfaces are evenly moist, but need no further evening out.

Brush application (for smaller surfaces):

Apply the UHB Stain with a flat soft staining brush lengthways, crosswise and again lengthways. After 1-2 minutes, spread the surplus stain using long strokes of a clean, dry, very wide, soft brush in the direction of the grain to even out any differences in the wood absorption.

### Drying

(at 20 °C and 50% relative humidity)

The stain is completely dry after an overnight drying period. The drying period can be reduced by ensuring air movement and raising the temperature.

### Finish

UHB Stain can be painted over with all CLOU® wood lacquers. Water-based lacquers can also be applied by brush without causing the pigments to wash away. The corresponding CLOU® datasheets are to be observed.

Water-based paints are not as wetting as solvent-based paints, with the result that comparatively different shades may result.

White, light grey or delicate, faint colours should only be painted over with CLOUCRYL or water-based paints. Using CLOUCRYL with UV absorber additive no. 4471 will actually slow down the yellowing of the wood.

### Special Instructions

- Always stain and paint a sample piece of wood. Wood is a natural material. This means that differences in the colour of the stain may occur. Natural deviations are not reasons for complaint.
- If several individual containers are used for staining work, pour the contents of all the containers into a non-metal container and mix them together thoroughly.
- Light or grey shades will only have the desired effect on light woods, e.g. ash.

The above information is of a non-binding nature and is based solely on our own tests and experience. The processing and directions for use should be adapted to prevailing working conditions, where necessary.  
This Technical Data Sheet replaces all previous versions.

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