

## 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. Dried 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".



## Pre-treatment

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.