

# CLOU AQUA Wood Lacquer

## Technical Data Sheet

### Characteristics



High quality, environmentally-friendly, colourless, low odour, water-soluble priming and coating lacquer ((based on acrylate copolymer/ polyester-polyurethane-dispersion) with good filling capacity and sanding properties. Resistant to household care and cleaning products, alcohol and sealant softener.

### Recommended use

For open-pore varnishing of wooden surfaces indoors (furniture, children's furniture, interior fittings).

Under normal use in living areas also for sealing parquet, wooden floors and wooden staircases.

### Use/Application

		
Application methods:	Brush	Roller
Yield (m <sup>2</sup> /Liter):	10	10

### Technical Data

Thinning:	clean water
Working viscosity:	ready for use if necessary, dilute 3-5%
Viscosity:	~ 30 sec / DIN 4mm
Density (g/cm <sup>3</sup> ):	~ 1.025
pH-value:	7.5

### Drying

(at 20 °C and 50% relative humidity)

dust dry:	30 minutes
recoatable:	after 2 hours
resilient:	10 days

### Cleaning

Clean all tools immediately after use with soap and water.

### Storage/Disposal

Store in well sealed original containers in a cool place protected from frost. Leftover varnish 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 (the final determination must be coordinated through the regional waste utility). Dried lacquer residues can be disposed of in the normal household rubbish.

### Safety Instructions

Do not drain into the groundwater or sewage system.

Even when working with less harmful lacquers, the usual protective measures should be taken.

### Special advice

All water-soluble sealing lacquers have a high side-gluing (edge-gluing) effect. Therefore, critical floors (parquet on underfloor heating, solid timber floorboards, wooden pavings, sprung floors) should be treated with CLOU EL Wood Sealing (based on urethane-alkyd), in order to avoid the formation of cracks at the joinings.

### Test standards

DIN 68861-1B (chemical resistance)  
DIN EN 71, Part 3 (safe for toys)

Complies with requirements of § 35 Foodstuffs and Commodities Act (previously DIN 53160).  
Complies with the Directive VdL-RL 02 "Wood Lacquer Systems".

### Ordering

Container sizes:	0.25 / 0.75 / 2.5 Liter
Item code:	
satin gloss	39500.00000
satin matt	39505.00000
matt	39510.00000

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## Instructions for Use

### Preparation

Sand down the natural wood surfaces with sand paper graded from 150 to 180 grit and carefully remove dust. The surfaces must be free from dust, oil, grease, wax and any other impurities.

Resinous wood should be deresinified before staining.

To naturally increase the intensification of the wood tone, the surface can be treated with colour enhancing primer.

### Staining

For staining, AQUA CLOU® Wood Stain B11 is suitable. Surfaces that have been stained with B11 can be coated using both the brush and spraying methods.

### Using/Application

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

Shake or stir well before use. Use a short pile mohair or flock roller (super fine) or a paintbrush for water based lacquers.

Apply two to three coats with a flat brush or roller. Thin CLOU AQUA Wood Lacquer with 3-5% water if necessary. Apply in normal thickness, not too thick, in order to avoid too much raising of the wood grain.

Sanding should be carried out between each single application. Observe drying times.

### Drying

(at 20 °C and 50% relative humidity)

After a drying time of approx. 2 hours, sand lightly with 240 sandpaper before the second coating. Apply a third coat if necessary only after allowing to dry overnight and after sanding (with 240 sandpaper).

### Special instructions

Use only noncorrosive tools and containers (e.g. stainless steel or plastic).

### Care instructions

The surfaces should be cleaned damp and never wet, in order to prevent damaging effects from the moisture on the grooves or edges.

WISCHCLOU Universal Self-Shining Floor Care and CLEANCLOU Intensive Floor Cleaner can be used for floors, parquet or stairs.

The above information is of a non-binding nature and is based solely on our 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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