

## Characteristics

Environment-friendly, water-based, low odour, quick drying wood protecting glaze based on acrylate dispersion. For indoor and outdoor use.

- protects from UV rays and environmental influences
- has an elastic coating effect
- does not crack or form blisters
- the wood surface gains a transparent colouring

## Recommended Use

For translucent decorative wood protection both indoors and outdoors, e.g. for panelling and wooden verandas, doors, windows, shutters, garage doors, fences etc. and also for renovating old glaze coatings.

To protect from blueness, mildew and rotting, treat first with CLOU AQUA Wood Protection Primer.

## Use/Application

Application methods: Brush  
Yield (m<sup>2</sup>/Litre): 12

## Technical Data

Thinning: clean water  
Working viscosity: ready for use  
Viscosity: ~ 20 sec / DIN 4mm  
Density (g/cm<sup>3</sup>): ~ 1.045  
pH-Value: 8.5

## Drying

(at 20 °C and 50% relative humidity)

dust dry: 20 minutes  
dry to the touch: 2 hours  
dried through: over night  
recoatable: 1–2 days

## Cleaning

Clean all tools immediately after use with clean water or CLOU® AQUA Cleaner for water-based varnishes (especially for dried residues).

## Safety Precautions

Do not drain into the ground water, water courses or sewage system.  
Even when working with less harmful paints, the usual protective measures should be taken.

## 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. Dried lacquer residues can be disposed of in the normal household rubbish.  
Can be stored for 2 years in its sealed original container.

## Test Standards

DIN 68861-1B (chemical resistance)

## Ordering Information

Item code:	
No. 0 colourless	1200.00000
No. 1 natural	1200.00001
No. 2 oak	1200.00002
No. 3 mahogany	1200.00003
No. 4 walnut	1200.00004
No. 5 oregon-pine	1200.00005
No. 6 rosewood	1200.00006
No. 8 black	1200.00008
No. 9 teak	1200.00009
No. 10 chestnut	1200.00010
No. 12 brown	1200.00012
No. 14 red	1200.00014
No. 15 blue	1200.00015
No. 16 green	1200.00016
No. 17 white	1200.00017
No. 18 light grey	1200.00018

All colour shades can be mixed together for individual customized shades.



## Preparation

The wood must be dry and free from dirt, oil and grease. Wood types that are highly resinous e.g. pitch pine, should be treated with CLOU Deresinifier No. 499. Sand the surface with 180 grit and remove all dust.

## Use/Application

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

Thoroughly shake or stir contents before use.

For brush coating use a metal-free, soft, flat brush (especially suitable are purloin brushes for water-based varnishes). Apply two coats of AQUA CLOUsil along the wood grain evenly and without pressure and smoothly spread out any surplus. Between the two coats sand lightly with 240 grit.

Parts that are strongly exposed to outdoor weathering (e.g. windows) need a third coat preferably darkly pigmented as this gives better UV protection. End grain and very absorbent surfaces should be treated with particular care.

## Drying

(at 20° C and 50 % relative humidity)

Between coats allow to dry for 1-2 days.

Certain types of high-content exotic wood (e.g. Kambala) AQUA CLOUsil take longer to dry, so between each coat longer drying times may be necessary.

## Renovation coat

According to the amount of wear and prevailing weather conditions a renovating coat might be necessary. Flaking or weathered coats should be thoroughly sanded away and any remaining coats also well sanded to ensure bonding. Apply AQUA CLOUsil as required. Sand in-between coats (240 grit).

## Special Instructions

The colour shade “natural” should only be used on objects that are not exposed to strong weathering, as this shade is relatively low pigmented and therefore does not provide as much protection against UV rays.

Not suitable for treating oak outdoors – here a thick film coating glaze should be used.

The colour shade “white” should only be used on naturally light coloured wood types (spruce, maple), that is, types not containing any colouring elements. Even with ash, yellow discolouration can be caused by wood content.

To protect from blueness, mildew and rotting, pre-treat with CLOU AQUA Wood Protection Primer.