



# Universal Coating Lacquer 9200

**MIT NEUER  
FORMEL!**

## Characteristics

High quality, transparent, water based one-component lacquer for priming and coating with very good enhancing, filling and sanding properties. Quick-drying, light-fast and resistant to household care and cleaning agents, alcohol and also to plasticiser in sealing profiles. Resistant to creams and hand perspiration. Environmentally friendly, low odour, nMP-free, free from phthalic resin plasticiser (suitable for coating toys). Complies with the VOC Decopaint Directive.

## Recommended Use

For open-pore varnishing of wooden surfaces indoors (living-room furniture, children's furniture, interior decoration). Under normal use in living areas and for sealing parquet, wooden floors, wooden staircases and hand rails. Suitable as a top coat for CLOU AQUA Coating Lacquer.

## Application

Application methods	Spray gun	Airmix	Brush/ Roller
Ø Spray nozzle (mm):	1.8	0.23	
Spraying pressure (bar):	2.5–3.0	80–100	
Quantity (g/m <sup>2</sup> ):	90–110	100–120	100
Coverage (m <sup>2</sup> /Litre):	5	5	10

## Technical Data

Dilution:	fresh water		
Working viscosity:	ready for use if necessary, dilute 3-5%		
Viscosity:	~ 60 sec / DIN 4mm		
Density (g/cm <sup>3</sup> ):	~ 1.025		
pH-value:	7.5		
DIN EN ISO 2813	satin gloss	satin matt	matt
Gloss degree 60°-angle	~ 45 GE	~ 20 GE	
Gloss degree 85°-angle			~ 10 GE

## Drying time

(at 20 °C and 50% relative humidity)

dust dry:	30 minutes
recoatable:	from 2 hours
loadable:	14 days

## Cleaning

Clean all tools immediately after use with fresh water or CLOU Cleaner for water soluble lacquers (especially for dried lacquer residues).

## Storage/Disposal

Store in well sealed original containers in a cool place protected from frost. Leftover varnish must undergo special treatment and must be assigned 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 refuse collection. Can be stored for at least 24 months in sealed original containers.

## Safety Instructions

Do not drain into the groundwater or sewage system. Avoid inhaling spraying mist. If necessary, use appropriate protective breathing equipment (e.g. protective mask with combination filter DIN 3181 A2P3). Even when working with less harmful lacquers, the usual protective measures should be taken.

## Special Advice

When working in a water wash spray booth, the coagulation agent must be acid. Precipitated lacquer residues should be skimmed off and disposed of safely.

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 CLOURETHAN (based on urethane-alkyd), in order to avoid the appearance of cracks at the joinings.



The maximum VOC content permitted by the EU-Directive 2004/42 (Product category IIA/e) is in the ready-to-use state 130g/l (Limit 2010). The maximum content of Universal Coating Lacquer 9200 ready for use is < 130 g/l VOC.

## Test Standards

DIN 68861-1B (chemical resistance)  
DIN 4102-B1 (fire resistance)  
DIN V 53160, Part 1, Part 2 (resistance to saliva and perspiration)  
DIN EN 71, Part 3 (suitable for toys)

## Ordering Information

Item Code:	
satin gloss	9200.00003
satin matt	9200.00000
matt	9200.00001



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## Preparation

Sand the untreated wooden surfaces with 150 to 180 grit and remove dust. The surfaces must be free of oil, wax, grease and any other impurities. Woods containing resin should be treated with CLOU Deresinifier No. 499 before staining.

## Staining

Surfaces stained with CLOU<sup>®</sup> Universal Wood Stain (UHB) can be coated with the brushing or spraying method. All other stains can only be sprayed, as otherwise the stain effect would look smudged. Wax stain should not in general be lacquered over.

## Use/Application

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

### Shake or stir well before use.

Roller or brushing method:

3 applications using a flat brush or roller. Use a micro-fibre coated sealing roller or a paintbrush for water based lacquers. Dilute the lacquer with 3-5% water if necessary and do not apply too thickly.

Spraying method:

2-3 applications (with a normal cross-coat).  
Caution: airless equipment has a high throughput of material – so do not spray too thickly!  
To avoid too much raising of the wood grain do not apply too much undercoat. Between each coat it is necessary to sand – observe necessary drying times.

## Drying

(at 20 °C and 50% relative humidity)

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

Coatings applied too thickly and high humidity influence the drying. Air circulation (0.5–1.5 m/min.) and a higher temperature reduce the drying time

The treated surface can be carefully walked on after approx. 8 hours. After 14 days full use is possible and carpets can be laid.

## Special Instructions

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

The temperature of the lacquer and object and the ambient temperature should not be lower than 15°C (danger of blisters forming).

Always keep the container closed. Protect the contents from drying (skin formation). Take care when opening the container so that no dried residues fall into the lacquer. Skin flakes or scaling do not dissolve and can only be removed by filtering (e.g. through a nylon gauze).

In order to guarantee flawless durability, sufficient thickness of the total coating must be observed.

To assess the lacquer system under practical conditions it is best to create a test surface.

Using PE-foam film as an interlayer, interlocking can be avoided during stacking.

Spray diffusers should be thoroughly flushed with Wash Solution A when changing over from water-based to solvent-based lacquers.

## Care Instructions

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

For the care and cleaning of floors, parquet or stairs please observe the CLOU care instructions according to DIN 18356.

This information is of a non-binding nature and is based solely on our tests and experience. As we cannot influence the on-site application and use, no liability is expressed by the contents of this data sheet. It is the user's own responsibility to adapt the processing instructions to the prevailing working conditions and to test the suitability of the products for the intended use by carrying out a process test where necessary. Our products are manufactured for professional users with a sound basic knowledge of using lacquers, glazes and stains. When unsure, our applications and laboratory technicians can advise to the best of their knowledge. The advice is non-binding unless confirmed in writing. Naturally we guarantee the quality of our products. Our general terms of sale and delivery apply.