

Charakteristics

Hard-wearing, urethane alkyd based one-component lacquer with good filling properties.

- **Complies with VOC Decopaint Directive**
- free from aromatic hydrocarbons
- PVC-proof
- resistant to water, oil, grease and spirits
- abrasion resistant, very resilient
- good outdoor performance

Areas of Application



For sealing stairs, parquet and also for doors, wooden seating, tables and untreated cork panels. Also excellently suited for outdoor areas.

Processing/Application



Application methods:	Spray gun	Brush	Roller
Ø Spray nozzle (mm):	1.5–1.8	-	-
Spraying pressure (bar):	2.5–3.5	-	-
Quantity (g/m²):	100	70	90-100
Yield (m²/litre):	8	12	10

Technical Data

Thinning:	10-25% CLOURETHAN®-Thinner (according to use)		
Working viscosity:		~ 18 sec / DIN 4mm	
		~ 34 sek / DIN 4mm	
Viscosity:	~ 100 sec / DIN 4mm		
Density (g/cm³):	~ 0.900		
DIN EN ISO 2813	glossy	satin matt	matt
Gloss level 60° angle:	~ 80 GE	~ 30 GE	~ 15 GE

Drying

(at 20 °C and 50% relative humidity)

dust dry:	1 hour
recoatable:	over night
stackable:	7 days
resilient:	7 days

Cleaning

Clean tools immediately after use with CLOURETHAN®-Thinner or CLOU® Cleaning Thinner.

Storage/Disposal

Store in well sealed original containers in a cool place protected from frost. Lacquer residues must undergo special treatment in compliance with the official regulations. Recommended waste code according to the European waste directory: 08 01 11 (the final determination must be coordinated through the regional waste utility). Can be stored for 3 years in sealed original containers.

Safety precautions

Do not drain into the ground water or sewage system.

Spray gun application should only be carried out in a water wash spray booth. Regularly remove spray sediment in order to avoid spray dust ignition.

Cloths soaked in lacquer should be moistened with water and disposed of, in order to avoid self-ignition.

Special Advice

CLOURETHAN® WOOD SEALER is an oxidative drying lacquer and should therefore only be applied in a normally thick coat to guarantee quick drying.

Wood rich in wood extractives has an influence on the drying properties. On certain exotic woods like palisander, macassar, or mansonie CLOURETHAN® WOOD SEALER does not dry very well or only very slowly.



The maximum VOC content permitted by the EU-Directive 2004/42 (Product category IIA/i) is in the ready-to-use state 500 g/l (Limit 2010).

The maximum content of CLOURETHAN® WOOD SEALER ready for use is < 500 g/l VOC.

Test Standards

DIN 68861-1B (chemical resistance)
DIN 4102-B2 (flammability)

Complies with the requirements of § 35 Foodstuffs and Commodities Act (formerly DIN 53160 resistance to saliva and perspiration).

Ordering Information

Item Code:

glossy	771.00000
satin matt	772.00000
matt	773.00000
CLOURETHAN®-Thinner	5070.00000

CLOU®

Preparation

The surface of the wood must be dry and free of dirt, oil fat and sanding dust.

If renovating used furniture, clean the surface carefully with CLOURETHAN®-Thinner, sand slightly (240 grain) and remove dust.

Using/Application

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

Sand wood with 150 grain.

Before use, shake CLOURETHAN® WOOD SEALER thoroughly.

Roller or brush method:

Thin CLOURETHAN® WOOD SEALER with approx. 10% CLOURETHAN®-Thinner and apply a priming coat to the surface of the wood.

Spraying method:

Thin CLOURETHAN® WOOD SEALER with up to 25% CLOURETHAN®-Thinner and apply a priming coat to the surface of the wood.

Drying

(at 20 °C and 50% relative humidity)

After allowing to dry over night and before applying the next lacquer coat, sand with 240-280 grain and remove the dust.

Final coating

After priming the surface, allowing to dry and removing the dust, coat once or twice with 10% - 25% thinned CLOURETHAN® WOOD SEALER (according to application).

The lacquer has oxidative drying properties, that is, dries by absorbing atmospheric oxygen. Therefore only apply a normal thickness of each coat, in order to ensure quick drying (throttle the output with the spraying method).

Between the coats maintain an overnight drying time to achieve thorough drying of the entire coating.

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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