

VOTTELER LACKFABRIK  
GmbH & Co. KG  
Schwieberdinger Strasse 97/102  
70825 Korntal-Muenchingen  
Germany  
Phone:  
+49 711 98 04-5  
Fax  
+49 711 98 04-642  
eMail:  
d.info@votteler.com

VOTTELER AG  
LACKFABRIK  
Wiler Strasse. 3  
9536 Schwarzenbach SG  
Switzerland  
Phone:  
+41 71 929 52 82  
Fax  
+41 71 929 52 84  
eMail:  
ch.info@votteler.com

VOTTELER  
LACKTECHNIK GMBH  
Malvenstrasse. 7  
4600 Wels  
Austria  
Phone:  
+ 43 72 42 7 59-0  
Fax  
+ 43 72 42 7 59-113  
eMail:  
at.info@votteler.com



## PRODUCT DESCRIPTION

### 33320-1-0000

### PURIDUR® Lacquer, Colourless, high gloss

#### Attributes / Characteristics

Light-fast, full body, high-gloss-lacquer with high brilliance and good flowing properties. The hardened lacquer film can be sanded and polished. This PURIDUR®-lacquer was tested according to DIN EN 12720 (for resistance against test fluids and durations) according to DIN 68861-1, conforms to group 1B).

Marine Equipment guideline 96/98/EG.

Tested for fire properties for low flame spread in accordance with Resolution MSC.61 (67)-(FTP-Code) Annex 1, Part 5. EU Specimen Approval Procedure (Module B) Approval No.116.294; U.S. Coast Guard Approval No.164.112/EC0736/116.294.

Flame retardant certificate is valid only when used together with the PURIDUR® Hardener 38320-0-0000 in the recommended mixing ratio. For bleached substrates, use PURIDUR® Hardener 38553-0-0000

#### Area of application

Automobile wooden trim parts, primed wood and chip boards, wooden composites and MDF

#### Technical data

Gloss level	1 = high gloss*
Colour	Colourless – Votteler - 0000
Mixing ratio	100 parts by weight lacquer      33320-1-0000 30 parts hardener                    38320-0-0000 Or 100 parts by weight lacquer      33320-1-0000 30 parts hardener                    38553-0-0000
Thinner	19947-0-0000, SPECIAL THINNER
De-foaming agent	L3900313 DE FOAMING AGENT FOR PURIDUR® LACQUERS
Retarder	39999-0-0000 RETARDER FOR PURIDUR®-LACQUERS 39310-0-0000 SPECIAL THINNER
Density	0.957 – 0.977 g/ml at 20 °C
Pot life	approx. 3 hours at 20 °C
Shelf life when stored	
Un-opened	6 months at 20 °C
Recommended	
Storage temperature	-10 – +30 °C *= Gloss level is defined by standardised methods. Gloss level depends on the quantity applied, method and drying conditions and the type of the substrate.

The suitability of the material shall be inspected by the manufacturer with respect to his/her requirements regarding quality, color, and the like, e.g. by a sample staining and/or sample varnishing. The above information is based on our testing and experience. Furthermore, the information does not represent any warranty of any characteristics and thus does also not represent the contractually agreed nature of the product. Additionally, the information does not claim any completeness and it is given without any warranties.

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#### Application

Application method	Spraying	Air mix, Cup gun Viscosity: 14 – 18 sec DIN 4mm at 20 °C Nozzle size: 1.3 – 1.8 mm Material pressure: 80 - 120 bar Atomizing pressure: 2.5 – 3.5 bar Air atomizing: 2.0 – 3.5 bar
Number of coats	1 – 3	
Coverage	100 - 150 g/m <sup>2</sup>	
Room temperature	20 – 25 °C	
Optimal humidity	45 – 65%	
Temperature of lacquer	20 – 25 °C	
Cleaning thinner	19995-0-0000	
Pre-treatment of substrate	Ensure that the primer is dry/hardened and freshly sanded. Prior to processing further the base coat has to be sanded within the recommended time frame. Apply on primed and freshly sanded wood and wooden composites. All substrates to be coated should be clean, dry and free of any residue release agent.	
Light protection	contains UV absorber	
Sanding	Substrate Grain 360 – 500 Lacquer Grain 600 – 1200	
Humidity of wood	7 – 10%	
Drying type	Air or oven drying	
Drying/Curing	Vaporize for 10 – 20 minutes at 20 – 23 °C / 40 – 65% relative humidity Heat-drying of approx. 3 hours at 60 °C. Dust-dry after approx. 15 minutes at 20 – 23 °C / 40 – 65% relative humidity. Can be polished after approx. 72 hours at 20 – 23 °C / 40 – 65% relative humidity. Can be re-coated after approx. 1 - 8 hours at 20 – 23 °C, / 40 – 65% relative humidity.	
General instructions	Stir well before use and shake if necessary. Carry out a trial before application. Check for adhesion. Observe the time gaps up to the top coating. Local general guide lines for processing PUR-Materials are to be observed. Before application add the required additives slowly whilst continuing to stir. Once opened, ensure that the lids are re-closed tightly. After repeated openings, check suitability of the material for the intended purpose.	

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In the marine sector the wet quantity applied should not exceed 260 g/m<sup>2</sup>. The flame retardant surface active ingredient should not be used on pipes, ducting or cables. The conformity declaration in respect of the marine sector can be down loaded from [www.votteler.com](http://www.votteler.com). Should the coated surfaces be sanded and buffed, 2 -3 coatings are necessary.

#### Disposal

In case of disposal use only the waste code numbers recommended by your local waste disposal authority.

#### Unit of sales

25.000 kg in 30 L containers

5.000 kg in 6 L containers

#### Safety

Observe instructions on the safety data information sheet MSDS (Material Safety Data Sheet) and on the container label.

#### Test standards and stability

DIN EN 12720 Furniture - Evaluation of surface resistance to cold liquids.  
DIN 68861-1 Furniture surfaces part 1: Behaviour by chemical stress.  
IMO Resolution MSC.61 (67), FTP-Code, Annex 1, Part 5 Examination of Fire properties as proof of low flame-spread.

#### Other information

For commercial and industrial use only.

#### Date of last update

04.02.2016

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