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PRODUCT DESCRIPTION

33550-7-0000

PURIDUR®-KARAT-UV-FILTER COLOURLESS, ANTIQUE MATT

Description

PURIDUR®-Multi layer lacquer for highest quality requirements and for a versatile spectrum of applications on wood, wooden composites and plastic. This material is highly light resistant and stands out due to good body and its high chemical and mechanical resistances. Easy to apply and also suitable for pigmented bases. The basis 33550 was tested according to DIN EN 12720 (liquids and durations according to DIN 68861-1, conforms to group 1B); Abrasion stress test acc. to DIN 68861-2 conforms to group 2C; Scratch resistance stress test DIN 68861-4 conforms to stress group 4D).

Product conforms to DIN 4102-B1 low flame spread (Test No. P-BWU 03-1-16.5.73) when tested with low-flame spread chip boards, also veneered. Marine equipment Directive 96/98/EU.

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.116.295; U.S. Coast Guard Approval No.164.112/EC0736/116.295.

Both low flame spread certificates are valid only when the PURIDUR Hardener 38080-0-0000 is used in the recommended mixing ratio.

Area of application

Wood and wooden composites, veneers, colour primed substrates

Technical data

Gloss level	7 = Antique Matt *
Colour	Colourless – Votteler - 0000
Mixing ratio	100 parts by weight lacquer 33550-7-0000 10 parts by weight hardener 38080-0-0000
Thinner	39 971-0-0000 SPECIAL THINNER aromatics free, colourless 19947-0-0000 SPECIAL THINNER
De-foamer	L3900313 De-foamer for PURIDUR Lacquer
Retarder	39 999-0-0000 RETARDER FOR PURIDUR®-LACQUERS
Density	0.935 – 0.955 g/ml at 20°C
Pot life	approx. 36 hours at 20 – 23°C
Shelf life	12 months at 20 °C
Recommended Storage temperature	-10 – +30 °C * = Gloss level determined in accordance with standardized procedures. Gloss level depends on application quantity, application procedure, drying conditions and kind of 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	Spray-application	Airless, Air mix, Cup gun, Viscosity: 17 - 25 sec DIN 4 mm at 20 °C Nozzle size: 1.5 – 2.0 mm Material pressure: 80 – 120 bar Atomizing pressure: 0.5 – 2.0 bar Air Atomizing: 2.0 – 3.5 bar
Possible number of coats	2 - 3	
Coverage	120-160 g/m ²	
Room temperature	20-25 °C	
Optimal humidity	45 - 65 %	
Material temperature	20 – 25 °C	
Cleaning thinner	19 995-0-0000	
Pre-treatment of	A graded sanding is recommended. Apply on freshly sanded wood and wooden composites.	
base and substrate	Remove all dust.	
Applicable on bleached bases	Yes	
Light protector	contains UV-absorber	
Sanding	Substrate Grain 150 – 180 Lacquer Grain 280 – 400	In order to avoid any intermediary adhesion problems, over coat the surface not later than 8 hours after sanding.
Humidity of wood	max. 7-10 %	
Drying type	Air/oven drying	
Drying/Curing	Evaporate for approx. 10 min. at 20-23 °C / 40–65 % relative humidity Heat drying approx. 45 – 90 minutes at 40–50 °C Dust-dry after approx. 10 minutes at 20-23 °C / 40–65 % relative humidity Sanding possible after approx. 4 hours at 20-23 °C / 40–65 % relative humidity Can be over-coated after approx. 3 Hours at 20-23°C / 40–65 % humidity Can be over-coated up to approx. 8 Hours at 20-23°C / 40–65 % humidity	
General instructions	Before use stir well, shake if necessary. Carry out a test coating before application. Check adhesion. Observe local general directives applicable for the processing of PUR Materials. Before application, add the required additives slowly by stirring homogeneously. When using a retarder, note the prolonged drying time before sanding/stacking.	

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Application

Once opened, ensure that the containers are re-closed tightly. After repeated openings, check suitability of the material for the intended purpose.
When using in the marine sector, the wet quantity applied should not exceed 260 g/m².
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For the marine sector, the conformity declaration can be downloaded from www.votteler.com in the downloading area.
The slow flame spreading surface substance should not be applied on Pipes, ducting or cables.
For application quantities below 100g/m², addition of 5 – 10% retarder is recommended.

Disposal

In case of disposal, use only waste code numbers stipulated by your local Waste disposal authority.

Units of sale

25.000 kg 30 litre Container

5.000 kg. 6 liter Container

Safety

Observe instruction on the material safety data sheet and label.

Test standards and resistance

DIN EN 12720 Furniture - Assessment of surface resistance to cold liquids
DIN 68861-1 Furniture surfaces part 1: Chemical stress test
DIN 68861-2 Furniture surfaces part 1: Abrasion stress test
DIN 68861-4 Furniture surfaces part 1: Scratch resistance stress test
DIN 4102-B1 Stress test in fire spread for building materials and parts
IMO Resolution MSC.61 (67), FTP-Code, Annex 1, Part 5 Examination of fire spread as proof of low-flame spread.

Other instructions

For commercial and industrial use only.

Date of last update

11.04.2016

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