Technical Data Sheet
Product number 2005

PUR SL-210 Finish

Low-flammability 2K finish, especially suited to use in public facilities

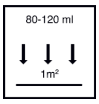
0736/2024
USCG-Nr.:
164.112/EC0736/116519-02

CERTIFIED SAFE
EN 71-3

Colour	Availability		
	Quantity per pallet	60	22
	Size / Quantity	**5 l**	**20 l**
	Type of container	Tin bucket	Tin bucket
	Container code	05	20
	Art. no.		
PUR SL-210/05			
clear, cloth matt	2005	■	■
PUR SL-210/10			
clear, dull matt	2006	■	■
PUR SL-210/20			
clear, matt	2007	■	■
PUR SL-210/30			
clear, semi-matt	2008	■	■

Application rate

80 - 120 ml/m² per coat



Range of use

- Primer & top coat
- Hospitals and medical practices
- Schools, nurseries and care facilities
- High-quality furniture
- Kitchen and bathroom furniture
- Interior finishing of ships
- Shop fitting and trade fair stands
- Solid wood & veneers
- Topcoat on coloured varnishes (resistance to metal rings, gloss level)
- For use by professionals

Property profile

- Quick-drying
- Good sanding properties
- Good flow properties
- Excellent resistance to chemicals
- Lightfast
- Fire behaviour according to DIN EN 13501-1: C-s2,d0 on suitable substrates
- Suitable for interior finishing of ships (IMO)
- Free of aromatic compounds
- Non-cytotoxic (not damaging to cells)

Characteristic data of the product

Binder	Polyacrylate resin
Density (20 °C)	Approx. 0.94 g/cm³
Odour	Typical

The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

Certificates

› **DIN EN 71-3 "Migration of certain elements"**

- **Classification of fire behaviour according to DIN EN 13501-1 (C-s2, d0)**
- **EC type examination certificate, module B (IMO certification)**
- **Cytotoxicity test (ISO 10993-5, ISO 10993-12)**

Test standards

DIN 68861, 1B Chemical resistance

Additional information

- **Care instructions for varnished furniture**

Possible system products

- **PUR H-280 Hardener (1975)**
- **SM-820 Texturing Agent (1942)**
- **V-89X-Verdünnung**
- **Remmers PUR Colorlacke**
- **Aqua Beizen**
- **UMA-824 Universal Metal Adhesion Additive (3249)**

Preparation

Substrate requirements
The substrate must be clean, dry, free of dust, grease and loose substances, and prepared in the correct manner.
Wood moisture content: 8-12%

Substrate preparation
Wash off greasy or resin-rich woods/substrates with WV-891 or V-890. Use UN-894 indoors on the construction site. Ensure good ventilation for solvents.
Sand wood using P 100 - 180 grit.
If colouring is desired, stain the substrate using Aqua KB-004, Aqua BB-007 or Aqua PB-006.

Production of the mixture

Mixing
10:1 with PUR H-280 by volume (100:10 by weight)
Add hardener while stirring and homogenise the mixture.
Working time max. 8 hours, this may be shorter at higher temperatures.
When working with admixtures and additives, please read the Technical Data Sheet for the system product.

Directions

Conditions for use
Temperature of the material, air and substrate: from min. +18 °C to max. +25 °C.

Stir well.
Spray.
Flow cup gun: nozzle size: 1.8 - 2.0 mm; atomiser air pressure: 2 - 3 bar.
Airless spraying: nozzle size: 0.23 - 0.28 mm, material pressure: 80 - 120 bar.
Airmix spraying: nozzle size: 0.23 - 0.28 mm, material pressure: 80 - 100 bar, atomiser air pressure: 1.2 - 2 bar.
After drying and intermediate sanding (P 240 - 320), apply a second coat of the product.
Repeat the process if necessary.
Seal opened containers well and use contents as soon as possible.

Tips on use

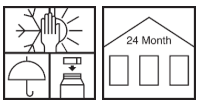
Check colour, adhesion and compatibility with the substrate by setting up a trial area.
Before coating technically modified woods and wood-based materials, apply the coating to a trial surface and conduct a suitability test on the desired area of use.
When coating surfaces that have been treated with a coloured varnish, max. 10% of the coloured varnish can be added to the product to counteract colour changes (lightening of the varnish).
The time period during which the product can be overcoated without the need for intermediate sanding is based on the information under "Overcoating" (drying time). Once this time period has been exceeded, the surface must be sanded and dusted off immediately prior to further coats.
Use breathable materials when packing the coated wood building elements.
Optimised ventilation in connection with fresh veneer gluing on coarse-pored woods: add at least 30% V-899.

Drying
Dust-dry: after approx. 20-30 minutes
Ready for overcoating: after approx. 2 hours
Can be stacked: after drying overnight
Practice values at +20 °C and 65% relative humidity.
Low temperatures, poor ventilation and high humidity delay drying.

Thinning
Ready to use, if necessary, dilute with V-890 Thinner, V-897 Thinner, V-893 Retardant.

Notes

DIN EN 71-3 "Migration of certain elements":
This product complies with the limits for the migration of heavy metals to children's toys according to DIN EN

	71-3 and thus fulfils one of several further requirements for the safety of children's toys according to the EU "Toy Directive" (2009/48/EC). To preserve the quality of the surface, we recommend regular cleaning and care using a lint-free cotton cloth. Please use solvent-free and silicone-free cleaning agents. Minor mechanical damage can be removed using the Remmers Repair Kit if necessary. Please refer to the relevant test reports/certificates and the Technical Data Sheet for information on certified products and configurations. For applications according to the Marine Equipment Directive, the maximum wet application quantity is 360 g/m².
Tools / Cleaning 	Airless/airmix spraying equipment, flow cup gun Clean tools using WV-891 Brush Wash or V-890 Thinner. Ensure that any residue from cleaning is disposed of correctly.
Storage / Shelf life 	If stored unopened in its original container in a cool, dry place and protected against frost, the product will keep for at least 24 months.
Safety data / Regulations	For further information on the safety aspects of transporting, storing and handling the product and on disposal and environmental matters, please see the current Safety Data Sheet.
Personal protective equipment	Respiratory protection with at least an A/P2 combination filter must be worn during spraying, together with safety goggles. Wear suitable protective gloves and clothing.
Disposal	Larger quantities of leftover product should be disposed of in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose of together with household waste. Do not allow to enter the sewage system. Do not empty into drains.