



PUR CL-241 Colour Varnish 4 in 1

Highly pigmented, ring-resistant 2K multi-layer coating for use as sealer, filler, colour varnish and topcoat, with very high scratch resistance and integrated anti-fingerprint effect



Colour	Availability						
	Quantity per pallet	672	672	200	200	60	22
Size / Quantity	1 l	6 x 1 l	2,5 l	2 x 2,5 l	5 l	20 l	
Type of container	Tin bucket	Tin bucket	Tin bucket	Tin bucket	Tin bucket	Tin bucket	Tin bucket
Container code	01	01	03	03	05	20	
Art. no.							
05 cloth matt							
pure white (RAL 9010)	5394				■	■	
white (RAL 9016)	5395				■	■	
special colours	5397	■		■			
base A (pre-filling: 95%)	015239		■		■	■	■
base C (pre-filling: 85%)	015238		■		■	■	■
10 dull matt							
pure white (RAL 9010)	5380				■	■	
white (RAL 9016)	5381				■	■	
special colours	5383	■		■		■	■
base A (pre-filling: 95%)	015240		■		■	■	■
base C (pre-filling: 85%)	015236		■		■	■	■
30 semi-matt							
pure white (RAL 9010)	5386				■	■	
white (RAL 9016)	5387				■	■	
special colours	5391	■		■		■	■
base A (pre-filling: 95%)	015241		■		■	■	■
base C (pre-filling: 85%)	015237		■		■	■	■

Application rate 100 - 120 ml/m² per coat



Range of use



- Optimal adhesion on priming films and ABS edging
- Exclusive interior design and shop fitting
- As a glass varnish (in conjunction with PUR GLA-820)
- As a metal coating (in conjunction with UMA-824)
- Solid wood and wood-based materials
- High-quality furniture
- Kitchen and bathroom furniture
- Handleless front panels
- For use by professionals



Property profile



- Functions: sealing layer, filler, coloured coating and topcoat
- Anti-fingerprint effect
- High mechanical resistance
- Lightfast
- Very high resistance to metal rings
- Good stability (coating suspended surfaces)
- Resistant to hot water and steam
- Excellent flow properties
- High build
- Good hiding power
- Fire behaviour according to DIN EN 13501-1: C-s1,d0 on suitable substrates

Characteristic data of the product

Binder	Acrylate
Density (20 °C)	1.00 - 1.25 g/cm ³ depending on colour
Odour	Characteristic
Product is free from	Formaldehyde-containing raw materials, as well as PCP, PCB, PCT, lindane and TCDD

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

Certificates

- [Klassifizierung des Brandverhaltens gemäß DIN EN 13501-1 \(C-s1,d0\)](#)
- [Konformitätserklärung \(Schiffsausrüstungsrichtlinie\)](#)

Additional information

- [Pflegehinweise für lackierte Möbeloberflächen](#)

Possible system products

- [PUR H-280 Hardener \(1975\)](#)
- [PUR IF-235 Sealing Filler \(3218\)](#)
- [PUR SL-210 Finish \(2005\)](#)
- [V-89X-Verdünnung](#)
- [SM-820 Texturing Agent \(1942\)](#)
- [UMA-824 Universal Metal Adhesion Additive \(3249\)](#)
- [Aqua PF-430 Pigment & Sealing Filler ^{\[fac\]} \(3265\)](#)
- [Überzugslacke](#)

Preparation

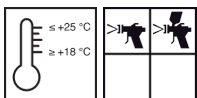
- **Substrate requirements**
The substrate must be clean, dry, free of dust, grease and loose substances, and prepared in the correct manner.
Wood moisture content: 8-12%
MDF boards: bulk density >= 700 kg/m³
- **Substrate preparation**
Wash off greasy or resin-rich woods/substrates with WV-891 or V-890. Use UN-894 indoors on the construction site. Ensure good ventilation for solvents.
Sand wood using P 100 - 180 grit.
Sand panels using P 180 - 320 grit.
Sand filler using P 240 - 320 grit.

Production of the mixture



- **Mixing**
10:1 with PUR H-280 by volume (100:9 by weight)
Add hardener while stirring and homogenise the mixture.
Working time max. 4 - 6 hours; this may be shorter at high 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.
Airmix spraying: nozzle size: 0.23 - 0.28 mm, material pressure: 80 - 100 bar, atomiser air pressure: 1.2 - 2 bar.
Airless spraying: nozzle size: 0.23 - 0.28 mm, material pressure: 80 - 120 bar.
Flow cup gun: nozzle size: 1.8 - 2.0 mm; atomiser air pressure: 2 - 3 bar.
Carry out intermediate sanding (P 240 - 320) immediately before further coats.
Intensive colours, such as yellow, red, etc. may have a lower hiding power due to their pigments. Apply an additional coat if required.
The rheological setting enables a high setting capacity, but is accompanied by a delayed, smoothly tensioned surface in the wet phase, which is achieved at the latest after through-drying. The described effect is particularly pronounced when using a flow cup gun.
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. Prior to full application, please apply a test coat to a sample area under practical conditions using the desired system, then test or examine the surface properties. Before coating technically modified woods and wood-based materials, apply the product to a trial surface and conduct a suitability test on the desired area of use. The ring resistance and the tendency of the surface to shine up under mechanical stress are strongly dependent on the gloss level selected: higher gloss levels are generally more robust here than extremely matt finishes. In the case of increased, constant stress, a clear coating may therefore be advisable. In order to achieve unrestricted ring resistance and minimise the tendency to shine up under mechanical stress, we recommend varnishing with suitable, lightfast clear varnishes.

■ **Drying**

Dust-dry: after approx. 30 minutes
 Overcoating: after approx. 3 hours
 Can be stacked: > 16 hours
 Low temperatures and high humidity delay drying
 Practice values at +20 °C and 65% relative humidity.

■ **Thinning**

Ready to use; if necessary, dilute with 10 - 20% V-890, V-897 or V-893 (flow cup gun).

Notes

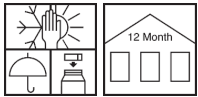
To preserve the quality of the surface, we recommend regular cleaning and care using a lint-free cotton cloth. Please use solvent-free and silicone-free cleaning agents. For certified structures, consult the applicable certificate/test report for the application quantities. For applications in accordance with the Marine Equipment Directive, the maximum total wet application quantity is 240 g/m² or 240 µ for all colours and 300 g/m² or 240 µ for white.

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 12 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.

Please note that the data and information given above have been calculated as guidelines in the laboratory and from real-life experience and are therefore not binding as a basic principle.

This information is therefore of a general nature only and describes our products and how they are used and worked with. In this respect, it must be borne in mind that the varied and diverse nature of the

prevailing working conditions, materials used and construction sites encountered means that not every individual case can be covered. In this respect, we therefore recommend either conducting tests or liaising with us in the event of any doubt. Unless we have provided express written assurance of the products' specific suitability or characteristics in respect of a contractually stipulated intended use, any technical application-related advice or instruction will never

be binding, even though it is provided to the best of our knowledge. In all other respects, our general terms and conditions of sale and delivery shall apply.

When a new version of this Technical Data Sheet is published, it shall replace the previous version.