



PUR HCL-248/90 High Gloss Colour Varnish

Two-component high-gloss topcoat with excellent volume and low time to polishability

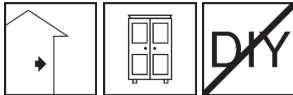


Colour	Availability			
	Quantity per pallet	672	672	60
	Size / Quantity	6 x 1 l	1 l	5 l
	Type of container	Tin bucket	Tin bucket	Tin bucket
	Container code	01	01	05
	Art. no.			
PUR HCL-248/90 high gloss				
special colours	5138		■	■
base A (pre-filling: 95%)	015121	■		■
base C (pre-filling: 78%)	015123	■		■

Application rate 120 - 150 ml/m² per coat



Range of use



- High-quality furniture
- Wood materials
- Ideal on surfaces that have been pre-treated with Remmers PUR fillers
- Finishing coat
- For use by professionals

Property profile



- High mechanical resistance
- Fully resistant to metal rings
- Very easy to sand and polish
- High build
- High hiding power
- Suitable for interior finishing of ships (IMO)

Characteristic data of the product

Density (20 °C)	1.00 - 1.40 g/cm ³
Product is free from	raw materials containing formaldehyde; free from 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

- [EC type examination certificate, module B \(IMO certification\)](#)

Test standards

- DIN 68861-1B "Behaviour at chemical influence"
- DIN 68861-2C "Furniture surfaces/abrasion"
- DIN 68861-4B "Furniture surfaces/scratching"
- DIN EN 71-3 "Migration of certain elements"
- DIN 53160-1 "Resistance to artificial saliva"
- DIN 53160-2 "Resistance to artificial sweat"
- DIN 53231 Hanau SUN test (company standard)

Additional information

- [Maintenance instructions for varnished furniture](#)



Possible system products

➤ [PUR IF-235 Sealing Filler \(3218\)](#)

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 down with V-890 if necessary.

The material can be applied directly to a sanded priming film.

The coating should be applied directly after sanding.

Prepare insulated MDF panels and solid wood using Remmers PUR Filler.

Production of the mixture



■ **Mixing**

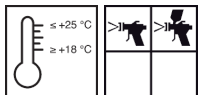
2:1 with PUR H-286 by volume (100:48 by weight)

Add hardener while stirring and homogenise the mixture for at least 2 minutes using the Remmers Patent Disperser.

Processing time max 1 hour. This may be reduced 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 application: airless & air-mix procedures

Flow cup gun: nozzle size: 1.6 - 1.8 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.

Seal opened containers well and use contents as soon as possible.

Tips on use



Isocyanates react with moisture in the air. Always seal the hardener container so that it is air-tight.

Metallic effects and fluorescent colours (may not be permanently resistant to light depending on the pigmentation) may have a reduced gloss level due to the special pigments used. In this case, we recommend subsequently polishing to a high-gloss finish or coating with PUR HL-211/90. We also recommend that you consult Remmers Technical Service for advice on this special application.

■ **Drying**

Dust-dry: after approx. 30 minutes

Touch-proof: after approx. 60 minutes

Ready for overcoating: after approx. 16 hours

Ready for polishing: after approx. 48 hours

Coated products can be stacked: after approx. 48 hours

Practice values at +20 °C and 65% relative humidity.

Low temperatures, poor ventilation and high humidity delay drying.

■ **Thinning**

Dilute with V-893 or V-897 (10 - 30%).

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.

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.

Please refer to the relevant test reports/certificates and the Technical Data Sheet for information on certified products and configurations.

For applications in accordance with the Marine Equipment Directive, the maximum wet application quantity is 150 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 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.