



PUR HL-211/90 High Gloss Finish

Light-fast, two-component topcoat for flame-resistant high gloss coatings



Colour	Availability	
	Quantity per pallet	60
	Size / Quantity	5 l
	Type of container	Tin bucket
	Container code	05
	Art. no.	
high gloss	1961	■

Application rate 120 - 150 ml/m² per coat



Range of use



- Finishing coat
- Solid wood & veneers
- High-quality furniture
- Kitchen and bathroom furniture
- Shop fitting and trade fair stands
- Topcoat on coloured varnishes (resistance to metal rings, gloss level)
- For use by professionals

Property profile



- Quick-drying
- Can be polished once cured
- Lightfast
- Good flow properties
- Fire behaviour according to DIN EN 13501-1: C-s2,d0 on suitable substrates

Characteristic data of the product

Density (20 °C)	Approx. 0.99 g/cm ³
Runout time s (20° C, DIN 4)	Approx. 22
Odour	Typical

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

Certificates

- [Classification of the burning behaviour according to DIN EN 13501-1 \(2010-01\)](#)
- [DIN EN 71-3 "Migration of certain elements"](#)
- [Classification of fire behaviour according to DIN EN 13501-1 \(C-s2, d0\)](#)

Test standards

DIN 68861, 1B Resistance to chemicals

Additional information

- [Maintenance instructions for varnished furniture](#)

Possible system products

- [PUR H-280 Hardener \(1975\)](#)
- [V-89X-Verdünnung](#)
- [Aqua Beizen](#)

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

Pre-treat the substrate with a suitable system product.
Intermediate sanding: P 400 - P 800.
The coating should be applied directly after sanding.

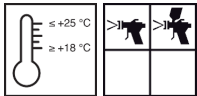
Production of the mixture



■ Mixing

4:1 by volume with PUR H-280 (100:24 by weight).
Add hardener while stirring and homogenise the mixture.
Working time max. 6 hours; this may be shorter at high temperatures.
Old mixtures of finish and hardener have poorer performance characteristics.
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.

Spray.

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.

If necessary, apply a second coat of the product after drying and intermediate sanding (P 320 - 600).

The coating may be applied wet-on-wet.

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.

■ Drying

Dust-dry: after approx. 20-30 minutes

Ready for overcoating: after approx. 1 hour

Ready for polishing: after approx. 3 days

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

Low temperatures, poor ventilation and high humidity delay drying.

■ Thinning

As required

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).

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

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.

Tools / Cleaning

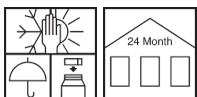


Airless/airmix spraying equipment, flow cup gun

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.



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.