



TECHNICAL DATA SHEET

30920 PALADUR® HOCHGLÄNZEND

AREA OF APPLICATION

PALADUR® hochglänzend is a PUR-reinforced varnish for sealing hardwoods and softwoods in interiors and exteriors. PALADUR® hochglänzend can also be used as a colourless additional coating on lasured or painted surfaces. On account of its high level of resistance to mechanical stress, PALADUR® hochglänzend can be used as surface protection for sofas and furniture. Surfaces coated with PALADUR® hochglänzend are easy to clean and look great.

PROPERTIES

- Mechanically resistant
- Attractive surface finish
- Seamless brush application
- Surfaces are easy to maintain
- Block resistant
- Weather resistant
- Free from aromatic compounds (VdL-RL-01)

COLOUR SHADE: 0901 colourless

CONTAINER: 375 ml, 750 ml, 2.5 l

COVERAGE: 80 – 100 ml/m² per coating

GLOSS LEVEL: high-gloss (approx. 85–95 GU at 20°)

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GENERAL RULES:

The substrate must be prepared and the coating work performed in accordance with the state of the art. All coatings and preliminary work should always be geared towards the project and the requirements it is exposed to. Please also observe the current BFS data sheets, published by the German Federal Committee for Paints and the Protection of Objects. Also see German construction contract procedures (VOB), Part C, DIN

18363, Paragraph 3 "Painting and coating work".

Treating/removing layers of paint by sanding, welding, burning off, etc. can cause harmful dust and/or vapours. Only carry out work in well-ventilated areas. Use appropriate breathing apparatus/protective equipment, if necessary.

All substrates must be clean, dry, load-bearing, and free from release agents. Substrates must be checked in terms of their load-bearing capacity and suitability for subsequent coatings. If necessary, create a test surface and test the adhesion by means of a cross cut and/or mesh tape tear-off. For coating build-ups, carry out intermediate sanding in between the individual coatings.

Sand grey and weathered wooden areas down to the load-bearing substrate. Clean and sand existing load-bearing paint coats. Round off sharp wooden edges. Ensure adequate drainage inclinations on horizontal surfaces. The moisture content for hardwood should be max. 12 % and for softwood max. 15 %. The drier the substrate, the greater the depth of penetration, improving the protective function and service life of subsequent paint coats. Wash tropical woods with constituents that delay the drying time with a cellulose thinner and apply a test coat.

For exterior applications, it is recommended to pretreat untreated or exposed timbers that are susceptible to fungus with SÜDWEST Holz-Imprägnier-Grund LH. Observe Technical Data Sheet, DIN 68800 Part 3, and BFS data sheet 18.

APPLICATION

Apply undiluted by painting, by roller, or by spraying. Do not apply at an air or project temperature of less than +5°C.

HIGH-PRESSURE SPRAYING:

High-pressure spraying:
e.g. with SATAjet 3000RP/SATAjet RP
Nozzle: 2.0

Pressure: 2.0 bar

Proportion of thinning agent added: 5–10 %

Pressure and nozzle parameters for other sprayers should be set in compliance with the relevant equipment manufacturer's specifications. For more information about alternative SATA sprayer tools, go to www.suedwest.de (Service/Download brochure)

PAINT BUILD-UP:

PALADUR® hochglänzend should always be used as a priming coat and intermediate paint coat on new timber, even if the surface will subsequently be over-coated with SÜDWEST PALADUR® seidenmatt. For highly absorbent timbers, the first coat can be diluted with up to 5 % SÜDWEST Kunstharzlack-Verdünnung AF. Then sand lightly to remove upright wood fibres.

NEW TIMBER, INTERIOR:

Apply the first coating on absorbent timber diluted by up to 10 %. 1 – 2 undiluted coats.

INTACT, COATED TIMBER, INTERIOR:

1 – 2 undiluted coats.

TIMBER, EXTERIOR:

Prime highly absorbent timber with SÜDWEST Holz-Imprägnier-Grund LH. SÜDWEST PALADUR® hochglänzend is weather-resistant but does not offer any UV protection for uncoated timber.

Therefore, if it is going to be directly exposed to weathering, PALADUR® hochglänzend can only be used as a varnish on lasured or painted substrates.

THINNING AGENT/TOOL CLEANING:

Clean tools with alkyd resin lacquer thinning agent (free from aromatic compounds).

DRYING

(+20°C / 60 % rel. humidity, 100 µm wet-layer thickness)

Dust-dry: after approx. 4 h

Over-coatable: after approx. 12 h

Final hardness: 6–8 weeks

Higher layer thicknesses and/or lower temperatures delay the drying times.

SPECIAL INFORMATION

PALADUR® hochglänzend varnish does not protect timber against greying in exteriors.

Do not use as a colourless additional coating on white lacquers, as the material turns yellow naturally.

Solvent-based alkyd resin lacquers have a characteristic odour which may still be perceptible after drying. For large-area application in common rooms, we therefore recommend using SÜDWEST water-based paints which are recommended for indoor use.

EC DIRECTIVE 2004/42/CE

The PALADUR® hochglänzend product falls below the maximum VOC value of

product category i (500 g/l) and is therefore VOC-compliant.

VDL DECLARATION

Alkyd resins, aliphatic hydrocarbon mixtures, driers, antifoaming agents, antioxidants

GISCODE BSL40

GENERAL SAFETY ADVICE

Good ventilation must be ensured while paints and varnishes are being applied and are drying. Keep away from food, drink, and animal feed. Avoid contact with skin and eyes. Do not breathe in dust during sanding work. Only use in well-ventilated areas. Do not eat, drink, smoke, or inhale snuff tobacco during work. Keep out of reach of children. Do not allow to enter the sewer system or bodies of water. If rivers, lakes, or drains become contaminated, inform the relevant authorities in accordance with the local laws.

Further information and the current SDS are available at www.suedwest.de.

STORAGE

Close opened containers so that they are airtight after use. Store in cool but frost-free conditions.

DISPOSAL

Dispose of empty containers at an authorised hazardous waste centre. The current legal requirements regarding disposal must be observed.

TECHNICAL CONSULTATION

Our sales force will be happy to answer any questions which have not been covered by this Technical Data Sheet. Our technical customer service team at the factory is also available to answer any detailed queries you may have. (06324/709-0)

DISCLAIMER

We are committed to taking the utmost care. However, we are only able to provide general information based on our own experiences, developments, and investigations, and these naturally cannot take the individual conditions of a project (substrates, weather conditions, other conditions) into account. The applicator is therefore obliged to maintain their knowledge in accordance with the state of the art and act responsibly. Our employees are available to provide specific advice and will be happy to do so. We accept no responsibility for the use of the product in combination with other products. The data provided in this Technical Data Sheet does not constitute binding information or liability. Furthermore, suspension or the appearance of a subsequent edition will invalidate this Technical Data Sheet; information about this can be accessed at any time on our website: www.suedwest.de.

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