



TECHNICAL DATA SHEET

30280 FLÄCHEN-LASUR

AREA OF APPLICATION

Flächen-Lasur is a high-solid all-purpose lasure for non-dimensionally-stable, semi-dimensionally-stable, and dimensionally stable building elements in interiors and exteriors. For large-area application in interiors, we recommend AquaVision Flächen-Lasur (water-based).

Typical areas of application: one-pot system for repainting and renovations, e.g. on windows, gates, timber facades, window shutters, roof soffits.

PROPERTIES

- Easy application
- Streak-free, seamless application
- Thixotropic and non-drip
- High resistance to flow
- Highly weather-resistant
- Special UV absorbers for excellent UV protection
- Moisture-regulating
- Block resistant
- Free from aromatic compounds (VdL-RL-01)
- Free from film preservatives

COLOUR SHADE: 0901 colourless, 8931 ash, 8930 light oak, 8921 pine, 8927 antique pine, 8925 oak, 8919 teak, 8924 walnut, 8922 mahogany, 8923 rosewood, 9551 ebony, 9110 white

ALL-COLOR FACTORY TINTING: more timber and bright colour shades available

CONTAINER: 375 ml, 750 ml, 2.5 l, 5 l, 10 l

COVERAGE: 80 – 100 ml/m²

Actual coverage will depend on the specific project and is heavily influenced by factors including surface appearance and absorption capacity. Exact consumption

values can be determined by applying a test coat.

GLOSS LEVEL: silk gloss

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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.

SUBSTRATE

SUBSTRATE PREPARATION:

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. Moisture content in the wood should not exceed 13 +/-2 % for dimensionally stable building elements; it should not exceed 18 % for non-dimensionally-stable building elements. 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.

Sand and thoroughly clean new smooth or planed wooden surfaces. Remove emerging resin/wood constituents. Apply a priming coat and an intermediate coat to all sides of new wooden building elements.

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

Paint on 2–3 undiluted coats depending on the substrate. Flächen-Lasur is designed ready-to-use. Do not apply or leave to dry at an air or project temperature of less than +5°C or more than +30°C. We recommend SÜDWEST Imprägnier-Lasur as a priming coat for highly absorbent timber in exteriors.

INTERIOR:

Apply Flächen-Lasur with a paint brush undiluted but in thin layers and evenly. For large-area application in interiors, we recommend SÜDWEST AquaVision Flächen-Lasur or SÜDWEST Wachs-Lasur (both water-based).

HIGH-PRESSURE SPRAYING:

e.g. with SATAjet 3000RP/SATAjet RP

Nozzle: 2.0/2.5 mm
Pressure: 1.5–2.0 bar

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)

THINNING AGENT/TOOL CLEANING:

Apply undiluted. Clean tools with alkyd resin lacquer thinning agent.

DRYING

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

Dust-dry: approx. 4 h

Tack-free: approx. 6 h

Over-coatable: approx. 12 h

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

SPECIAL INFORMATION

Do not paint onto heated substrates in direct sunlight and/or onto wooden substrates that will be exposed to direct sunlight within 2 to 3 hours of application. To avoid spalling due to excess layer thicknesses, apply to horizontal surface areas undiluted but in thin layers.

Solvent-based lasures on an alkyd resin base 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 lasures which are recommended for indoor use.

White and light colour shades have a tendency to yellow when exposed to artificial light or insufficient natural light. This is typical of the product and is therefore not a cause for complaint.

Drying delays and gloss level deviations are possible in the case of horizontal painted surfaces and/or poorly ventilated drying rooms. Ensure adequate

warmth and ventilation. Optimum through-drying and hardening of the entire layer is ensured with material application of max. 100 µm per coating. Avoid higher wet-layer thicknesses, e.g. when spraying on horizontal surfaces, as this will delay through-drying considerably.

Colourless is only permitted for use in exteriors to brighten up dark colour shades in dosages of up to a maximum of 10 %.

Drying times may be delayed for first coatings on timber that is rich in active substances. Apply a second coat only after drying. Medium dark timber colour shades are the most durable on account of optimum UV protection and because the timber does not heat up too much.

EC DIRECTIVE 2004/42/CE

The Flächen-Lasur product falls below the maximum VOC value of product category e (400 g/l) and is therefore VOC-compliant.

VDL DECLARATION

Alkyd resins (mineral and/or organic pigments, depending on the colour shade), aliphatic hydrocarbon mixtures, glycols, driers, antioxidants, antifoaming agents, interface additive, wetting agents, light stabilisers, amorphous silicic acids

GISCODE BSL20

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 representatives 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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