



TECHNICAL DATA SHEET

30250 AQUAVISION FLÄCHEN-LASUR

AREA OF APPLICATION

SÜDWEST AquaVision Flächen-Lasur is an all-purpose, open-pored, hybrid-based lasure for glazed timber coatings in interiors and exteriors, e.g. on window shutters, timber cladding, timber houses. SÜDWEST AquaVision Flächen-Lasur has a low solvent content and can therefore also be used in sensitive interiors. A test report in accordance with the DIN EN 71-3 inspection standard (European toy safety standard) is available.

PROPERTIES

- Water-based
- Non-drip
- Seam-free and streak-free application
- Low solvent content
- Good weatherability
- Transparent iron oxides for UV protection
- Attractive glazed finish
- No scaling
- High penetration capacity
- Block-resistant once completely dry
- Outstanding renovation properties

COLOUR SHADE: 0901 colourless, 8919 teak, 8921 pine, 8922 mahogany, 8923 rosewood, 8924 walnut, 8925 oak, 8927 aged pine, 8930 light oak, 8931 ash, 9551 ebony, 9118 stain-blocking white

ALL-COLOR FACTORY TINTING: more colour shades available on request.

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

COVERAGE:

smooth timber approx. 60 ml/m² per coat
rough-cut timber approx. 100 ml/m² per coat

GLOSS LEVEL: silk matt

AREA OF APPLICATION

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 or SÜDWEST AquaVision Holz-Imprägnier-Grund WV. Observe Technical Data Sheet, DIN 68800 Part 3, and BFS data sheet 18.

APPLICATION

Apply undiluted by painting or spraying. Do not apply at temperatures less than +5°C or in direct sunlight.

PAINT BUILD-UP:

Timber vulnerable to fungus, exterior:
Prime with SÜDWEST AquaVision Holz-Imprägnier-Grund WV.
2–3 x AquaVision Flächen-Lasur.

Interior:

2 x AquaVision Flächen-Lasur

APPLICATION USING SPRAY PROCESS:

| Process | Nozzle | Material pressure/quantity | Air pressure | Thinning |
|---------------------|---------------|----------------------------|--------------|----------|
| High pressure | 2.0 | - | 1.8–2.0 bar | 5–10 % |
| Low pressure | Medium | approx. 3/4 | approx. 3/4 | - |
| Airless (20 °C) | 0.008"–0.010" | 100–120 bar | - | - |
| AirlessTemp (60 °C) | 0.008"–0.010" | 80–100 bar | - | - |
| AirMix | 0.008"–0.010" | 80–100 bar | 1.5 bar | - |

THINNING/TOOL CLEANING:

Apply undiluted. Clean tools with water.

DRYING

(+20°C / 60 % rel. humidity)

Dust-dry: approx. 1 h
Tack-free: approx. 4 h
Over-coatable: approx. 6 h

Lower temperatures and/or high humidity prolong the drying time. When the product is applied to timber windows, we recommend leaving them tilted open for several days before closing shut; this should prevent jamming.

SPECIAL INFORMATION

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.

We recommend applying 3 coats to very exposed surfaces. Horizontal surfaces that are permanently exposed to water or snow are not suitable substrates. Colourless is only permitted for use in exteriors to brighten up dark colour shades in dosages of up to a maximum of 10 %. Please seek clarification from the factory on the suitability of brightly coloured lasures for use in exteriors.

For optimum stain-blocking of wood constituents, colour shade 9118 stain-blocking white must be left to dry for 24–48 hours prior to over-coating.

EC DIRECTIVE 2004/42/CE

The AquaVision Flächen-Lasur product falls below the maximum VOC value of product category e (130 g/l) and is therefore VOC-compliant.

VDL DECLARATION

Alkyd resins, acrylate dispersions (mineral and/or organic pigments depending on the colour shade), glycols, glycol ether, water, antifoam agents, driers, wetting agents, interface additives, polyurethane thickeners, storage protection based on methylisothiazolinones and benzisothiazolinones

GISCODE BSW30

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. Keep out of reach of children. Do not allow to enter ground water, bodies of water, or the sewer system in undiluted or large quantities.

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

STORAGE

Store in a cool but frost-free and dry place; can be stored for 12 months in the unopened original container.

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.

STATUS: 2023/DECEMBER/KM