

TECHNICAL DATA SHEET

30380 ALL-DECK BUNTLACK SATIN



AREA OF APPLICATION

All-Deck Buntlack Satin is an alkyd resin lacquer with very good hiding power for high-quality finishes in both interiors and exteriors.

PROPERTIES

- Excellent hiding power
- Excellent flow properties
- Easy to apply
- Durable
- Weather-resistant
- Free from aromatic compounds (VdL-RL-01)
- Slightly thixotropic
- Shock-proof, impact-resistant
- Heat-resistant up to approx. 80°C
- PU-reinforced

COLOUR SHADE: RAL 1021 Colza yellow

- RAL 3000 Flame red
- RAL 5010 Gentian blue
- RAL 6005 Moss green
- RAL 7001 Silver grey
- RAL 7016 Anthracite grey
- RAL 7035 Light grey
- RAL 8011 Nut brown
- RAL 9005 Jet black
- RAL 9010 Pure white

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

CONTAINER: 375 ml, 750 ml, 2.5 l

COVERAGE: 80–100 ml/m² per coating

GLOSS LEVEL: mid sheen

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 working life of subsequent lacquers. 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. Technical Data Sheet. Observe DIN 68800 Part 3, and BFS data sheet 18.

SUBSTRATE

The substrate must be firm, dry, clean, load-bearing, and free from release agents.

SUITABLE SUBSTRATES

Existing coatings, primed metals, hard plastics, timber and engineered wood

SUBSTRATE PREPARATION:

EXISTING COATINGS:

Check existing coatings for a firm hold. Completely remove existing non-load bearing coatings. Thoroughly clean and sand existing load-bearing coatings. Possibly prime with one coat of SÜDWEST All-Grund. Observe the Technical Data Sheet.

METAL SUBSTRATES:

Prepare metal substrates properly and prime with SÜDWEST All-Grund. Observe the Technical Data Sheet.

HARD PLASTICS, E.G. RIGID PVC:

Clean with SÜDWEST Zink- und Kunststoff-Reiniger. Observe the Technical Data Sheet and BFS data sheet no. 22. Prime with one coat of SÜDWEST All-Grund. Observe the Technical Data Sheet.

TIMBER AND ENGINEERED WOOD:

Sand and clean timber surfaces in grain direction.

For coating timber surfaces in exteriors, we recommend using SÜDWEST Venti Plus (dimensionally stable building elements) or SÜDWEST AquaVision

Holzfarbe (semi-dimensionally-stable building elements).

APPLICATION

Stir well and apply 1–2 coats undiluted by roller, with a paint brush, or by spraying. For optimum results, apply layer thicknesses of approx. 80–100 µm (wet) per application cycle.

APPLICATION USING SPRAY PROCESS:

Process	Nozzle	Material pressure/quantity	Air pressure	Thinning
High pressure	2.0	-	2.0 bar	approx. 10 %
Low pressure	Medium	approx. 2/3	2/3 to max.	approx. 5 %

Application conditions:

Do not apply or leave to dry at an air and object temperature of less than +5 °C. Do not apply in direct sunlight.

Thinning/tool cleaning:

Alkyd resin lacquer thinning agent (free from aromatic compounds). SÜDWEST Schnellhärter can be used as an alternative thinning agent for spraying.

DRYING

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

Dust-dry: approx. 4 hours

Over-coatable: approx. 12 hours

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

SPECIAL INFORMATION

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.

Due to its matted surface, All-Deck Buntlack Satin has a tendency for chalking when exposed to strong solar radiation. This can lead to changes in colour shades in some cases. Colour stability can be increased by using lacquers with A1-A3 or B1-B3 colour shade resistance according to the BFS data sheet.

The final gloss level of silk gloss paints will be established after approx. 2 weeks. 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. 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. To avoid mistakes with colour shades, the colour shade must be tested prior to application in the project. Complaints about mistakes with colour shades cannot be accepted after application.

COLOUR RETENTION IN ACCORDANCE WITH BFS DATA SHEET NO. 26

Class: C, group 1–3 depending on the colour shade

DIRECTIVE 2004/42/CE

The product All-Deck Buntlack Satin falls below the maximum VOC value of product category d (300 g/l) and is therefore VOC-compliant.

VDL (GERMAN PAINT AND PRINTING INK ASSOCIATION) DECLARATION

Alkyd resins (mineral and/or organic pigments, depending on the colour shade), mineral fillers, aliphatic hydrocarbon mixtures, wetting agents, antifoaming agents, driers, surface additives, antioxidants, 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

Only recycle empty containers. 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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