

Architectural coatings

SÜDWEST All-Deck Metallic-Lack Satin

30720



Area of application:

For high-quality, glossy metallic paintwork on prepared wood, plastic or metal substrates, indoors and outdoors, e.g. doors, windows, gates, railings, frames, wood panelling, etc. Also suitable for renovating intact old coatings.

Caution: Do not use on thermoplastic substrates.

Product properties:

- Brilliant surface
- Very good spreadability
- easy to process
- hard-wearing
- weather-resistant
- aromatic-free (VdL-RL-01)
- slightly thixotropic setting
- shock-resistant, impact-resistant

Color shades: **RAL 9006** white aluminium
 RAL 9007 grey aluminium

Further metallic color shades (all-color classic mix)
upon request

Packaging: 750ml, 2,5l

Consumption: depends on the processing
 80 - 100 ml/m²

Gloss level: middle

Application:

General rules:

The preparation of the substrate and the execution of the painting work must correspond to the current state of the technology. All coatings and preparations should always be based on the object and the requirements to which it will be exposed. Please refer to the current BFS leaflets published by the Federal Committee for Paint and Property Protection. See also VOB, Part C DIN 18363, Paragraph 3 Painting and varnishing work.

The data provided in this technical datasheet are product descriptions. They constitute general warnings based on our experience and tests and do not take into account a specific use case. No compensation claims can be derived from the data. If necessary, please consult our technical advice. Old editions of technical data sheets lose their validity with new editions.

Further treatment/removal of paint layers such as sanding, welding, burning off, etc. can cause hazardous dust and/or vapour. Only carry out work in well-ventilated areas. Wear appropriate (respiratory) protective equipment if necessary.

All substrates must be clean, dry, sound and free from separating substances. Unsafe substrates must be tested for load-bearing capacity and suitability for subsequent coatings. If necessary, create a test area and check adhesion by means of a cross-cut and/or fabric tape tear-off. In the case of coating structures, an intermediate sanding should be carried out between the individual coatings.

Sand greyed and weathered wood zones down to the load-bearing substrate. Clean and sand load-bearing old coats. Round off sharp wooden edges. Ensure sufficient drainage bevels on horizontal surfaces. The wood moisture content should not exceed 12 % for hardwoods and 15 % for softwoods. The drier the substrate, the greater the penetration depth, which improves the protective function and service life of subsequent coats. Wash out tropical woods with drying-delaying ingredients with nitro thinner and apply a test coat.

In exterior areas, it is recommended to pre-treat untreated or exposed wood susceptible to fungi with Wood Impregnation Primer. Pay attention to technical data sheet, DIN 68800, part 3 and BFS data sheet 18.

Substrate:

The substrate must be firm, dry, clean, load-bearing and free of separating substances

Suitable substrates:

Old paintwork, primed metals, hard plastics, wood and wood-based materials

Preparation of the substrates:

Old paintwork:

Check old paintwork for firm adhesion. Completely remove old paintwork that is not load-bearing. Thoroughly clean and sand load-bearing old paintwork. If necessary, prime once with SÜDWEST All-Grund. Observe the technical data sheet.

Metal substrates:

Prepare metal substrates professionally and prime with SÜDWEST All-Grund. Observe the technical data sheet.

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Hard plastics, e.g. hard PVC:

Clean with SÜDWEST Zinc and Plastic Cleaner. Observe the technical data sheet and BFS data sheet no. 22. Prime once with SÜDWEST All-Grund. Observe the technical data sheet.

Wood and wood-based materials:

Sand and clean wooden surfaces in the direction of the grain.

For coating exterior wood surfaces, we recommend the use of SÜDWEST Venti Satin (dimensionally stable components) or SÜDWEST AquaVision Holz-farbe (limited dimensionally stable components).

Application:

Stir well and apply undiluted 1 - 2 x by rolling, brushing or spraying. Optimum results are achieved with layer thicknesses of approx. 80 - 100 µm (wet) per coat. Optimum effects are achieved by spraying. For roller applications, ensure that the material is applied evenly; blend the material in several cross-coats, then roll in one direction. Brush applications only on small areas (streakiness due to metallic pigments).

Application by spraying:

Process	Nozzle	Material pressure /amount	Air pressure	Dilution
High pressure	2,0		2,0 bar	10%
Low pressure	middle	½ - 2/3	Max.	10%

Processing conditions:

Do not apply and allow to dry at air and object temperatures below +5°C. Do not apply in direct sunlight.

Tool cleaning:

Synthetic resin paint thinner (aromatic-free)

Drying:

(+ 20°C / 60 % rel. humidity, 100 µm wet film thickness)
 Dust-dry: approx. 4 hours
 Recoatable: approx. 12 hours
 Higher layer thickness and / or lower temperatures prolong the drying times.

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Special notes:

Optimum effect formation is achieved when applied by spraying. When rolling on larger surfaces, roll evenly in one direction. Depending on the application method and layer thickness, different surface effects are achieved with metallic paints. This is typical for the product and is not a reason for complaint. Solvent-based alkyd resin paints have material typical odours, which may still be perceptible after drying. We therefore recommend the use of SÜDWEST water-based lacquers for large-area applications in occupied rooms, which are recommended for interior use. The final gloss level of silk-gloss finishes is achieved after approx. 2 weeks.

Drying delays and deviations in gloss level are possible with horizontally painted surfaces and/or poorly ventilated drying rooms. Ensure sufficient heat and ventilation. Optimum drying and curing of the entire coat is guaranteed with a maximum material application of 100 µm per coat. Avoid higher wet film thicknesses, e.g. when spraying on surfaces that are suitable for water, as these lead to significantly delayed drying.

Light colours tend to yellow in artificial or insufficient natural lighting. This is typical of the product and therefore no reason for complaint.

Colour stability according to BFS data sheet no. 26:

Class: B, Group 1 - 3 depending on colour shade

EC Directive 2004/42/EC:

The product 'All-Deck Seiden-Glanz Metallic-Lack' falls below the maximum VOC value of product category d (300 g/l), and is therefore VOC-compliant.

VDL declaration:

Alkyd resins, (depending on colour shade inorganic and / or organic pigments), mineral and inorganic fillers, effect pigments, glycols, aliphatic hydrocarbon mixtures, wetting agents, anti-foaming agents, surface additives, drying agents, antioxidants.

GISCODE: BSL20

General safety advice:

Ensure good ventilation during processing and drying of paints and varnishes. Keep away from food, drink and animal feedingstuffs. Avoid contact with eyes and skin. Do not inhale dust during sanding work. Use only in well ventilated areas.

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Do not eat, drink, smoke or snuff while processing. Keep out of reach of children.

Do not allow to enter drains or bodies of water. In the event of contamination of rivers, lakes or sewers, inform the relevant authorities in accordance with local legislation.

Further information and current safety data sheet at www.xxlcolors.com

Storage:

Seal opened containers airtight. Store in a cool but frost-free place.

Disposal:

Only dispose of empty containers for recycling. The current legal regulations must be observed for disposal.

Technical consultancy:

For all questions not answered by this data sheet, our service staff is at your disposal: info@sudwest.sk

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