



TECHNICAL DATA SHEET

# 30850 ALL-GRUND SPRAY

## APPLICATION

All-Grund Spray is an all-purpose primer and adhesion promoter for many substrates in both interiors and exteriors. The product is ideally suitable for touching up defects. Quickly and universally over-coatable with solvent-containing or water-based finishing lacquers.

## PROPERTIES

- Very quick drying
- Active protection against corrosion
- High adhesion strength
- Quickly and universally over-coatable
- Flatmodifying function
- Good edge coverage
- Isolates wood constituents

**COLOUR SHADE:** 9110 white, 7001 grey, 9105 black

**CONTAINER:** 400 ml spray tin

**SPREADING RATE:** area output per tin approx. 1m<sup>2</sup> for application in a double criss-cross pattern.

**GLOSS LEVEL:** matt

## 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. Observe Technical Data Sheet, 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:

Load-bearing existing coatings, iron, steel, zinc, galvanised substrates, aluminium, hard plastics (rigid PVC, polyurethane, acrylic glass, melamine resin, Resopal laminate), timber, engineered wood.

**Warning:** Do not use on thermoplastic substrates. Existing thermoplastic paint coats can be identified reliably by means of a solvent test with a cellulose thinner. Significant dissolving = existing thermoplastic paint coat.

### 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.

#### IRON AND STEEL:

Derust iron and steel thoroughly. Remove any mill scale. Blast highly contaminated steel surfaces to standard preparation grade SA 2 1/2 in accordance with DIN EN ISO 12944-4.

#### ZINC AND GALVANISED SUBSTRATES:

Clean with SÜDWEST Zink- und Kunststoff-Reiniger. Observe the Technical Data Sheet and BFS data sheet no. 5.

#### ALUMINIUM (NON-ANODISED):

Clean with SÜDWEST Kupfer- und Alu-Reiniger. Observe the Technical Data Sheet and BFS data sheet no. 6.

#### HARD PLASTICS, E.G. RIGID PVC:

Clean with SÜDWEST Zink- und Kunststoff-Reiniger. Observe the Technical Data Sheet and BFS data sheet no. 22.

#### TIMBER AND ENGINEERED WOOD:

Sand and clean timber surfaces in grain direction. Prime timbers susceptible to fungus in exteriors with SÜDWEST Holz-Imprägnier-Grund LH. Observe the Technical Data Sheet and BFS data sheet no. 18.

#### APPLICATION

Prior to use, shake the spray tin for 3 minutes. Turn the red lever at the end of the spray head to adjust the head as required for spot or flood spraying. Apply 1–2 coats of All-Grund Spray evenly. After use, turn the tin upside down and spray until the spray head is empty.

#### 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.

#### DRYING:

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

Dust-dry: approx. 30 min

Tack-free: approx. 2 h

Over-coatable: approx. 3 h (alkyd resin lacquers)

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. Drying delays are possible in the case of horizontal painted surfaces, thick layers, and/or poorly ventilated drying rooms. Ensure adequate warmth and ventilation. Do not leave All-Grund exposed to weathering for more than 1 week without finishing lacquer. Intermediate sanding is recommended if drying takes more than 3 days. If a silk gloss or silk matt surface is required on zinc or steel substrates outdoors, we recommend a high-gloss intermediate coat.

#### DIRECTIVE 2004/42/CE

The All-Grund Spray product is out of scope of the VOC Decopaint Directive.

#### GENERAL SAFETY ADVICE

Further information and the current SDS are available at [www.suedwest.de](http://www.suedwest.de)

#### STORAGE

Protect from sunlight. Do not expose to temperatures above 50°C. Seal opened containers. Store in cool but frost-free conditions.

#### DISPOSAL

Take content/containers to approved disposal centres or communal waste collection points.

#### 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](http://www.suedwest.de).

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