



TECHNICAL DATA SHEET

30365 ALL-GRUND MIX

APPLICATION

All-Grund Mix is an all-purpose tintable primer and adhesion promoter for priming coats and intermediate paint coats on many substrates in both interiors and exteriors. The product is quickly and universally over-coatable.

Recommendation: use AquaVision All-Grund (water-based) for large surfaces in common rooms.

PROPERTIES

- Rapid drying
- Active protection against corrosion
- High adhesion strength
- Very easy to apply
- Quickly and universally over-coatable
- Flatmodifying function
- Heat-resistant up to 100°C (dry heat)
- Good edge coverage
- Isolates wood constituents
- Free from aromatic compounds (VdL-RL-01)

COLOUR SHADE: tintable in RAL, All-Color, and other commonly available colour shade templates.

CONTAINER: 375 ml, 750 ml, 2.5 l

COVERAGE: approx. 80 – 100 ml/m² per coating

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, copper/brass, 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 Aluminium-Reiniger. Observe the Technical Data Sheet and BFS data sheet no. 6.

COPPER/BRASS:

Clean with SÜDWEST Kupfer- und Aluminium-Reiniger. 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.

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.

We recommend SÜDWEST Venti Plus for timber windows.

APPLICATION

Stir well and apply generously and undiluted with a brush or roller. As rust protection on iron and as an adhesion promoter on zinc, apply 2x generous coats. As an adhesion promoter on plastics and existing paint coats, apply 1x undiluted coat. As a primer for engineered wood, apply 1x coat. As an intermediate paint coat, apply 1x undiluted coat.

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.

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)

DILUTION:

If necessary, dilute with alkyd resin lacquer thinner (aromatic-free).

TOOL CLEANING:

Clean with alkyd resin lacquer thinner after use. Dispose of cleaning agents properly.

DRYING

(+ 20°C / 60 % rel. humidity, 100 µm wet-layer thickness)
Dust-dry: approx. 60 min

Tack-free: approx. 3 h

Over-coatable: approx. 3 h (alkyd resin lacquers), approx. 36 h (two-component 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 MIX product falls below the maximum VOC value of product category i (500 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 white pigments, mineral fillers, corrosion-inhibiting pigments, aliphatic hydrocarbon mixtures, alcohols, driers, wetting agents, phyllosilicates, antioxidants, adhesion promoters, light stabilisers

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 return empty containers for recycling. Dispose of containers with residues at the responsible hazardous waste centre. Dispose of dried paint brushes and rollers with residual waste. Do not dispose of paint or rinse painting tools in sinks or drains.

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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