



TECHNICAL DATA SHEET

30360 ALL-GRUND

Area of application:

All-Grund is a universal primer for base and intermediate coats on many surfaces both indoors and outdoors surfaces. All-Grund as an adhesion promoter is quick and universally reworkable.

Recommendation:

Use water-based AquaVision All-Grund for large surfaces in common rooms.

Product properties:

- very quick drying
- active corrosion protection
- high adhesion strength
- very easy processing
- can be reworked quickly and universally
- good flowability
- heat-resistant up to 100°C (dry heat)
- good edge coverage
- isolates wood ingredients

Color shades: 9110 white, 8011 brown, 7001 silver gray, 6011 green, 8306 oxide red, 9105 black

Package options: 125 ml, 375 ml, 750 ml, 2,5 l, 10 l* (*only white and gray)

Consumption: approx. 80 – 100 ml/m² per coat

Gloss level: matte

Application (General rules):

The preparation of the substrate and the execution of the painting work must correspond to the current status of the technology. All coatings and preparatory work should always be based on the object and the conditions to which it will be exposed. Please see the current BFS information sheets published by the Federal Committee for Paint and Property protection. See also VOB, Part C DIN 18363, Paragraph 3 Painting and varnishing work.

The further treatment/removal of paint layers such as grinding, welding, burning etc. can cause dangerous dust and/or steam. Carry out works only in well-ventilated areas. Use an adequate protective(breathing) equipment if necessary.

All surfaces must be clean, dry, load-bearing and free of separating substances. Unsafe substrates must be checked for load-bearing capacity and suitability for subsequent coatings. If necessary, test area by applying and checking adhesion by cutting and/or tearing off the fabric tape. For coating structure - intermediate sanding should be carried out between the individual coatings.

Sand grayed and weathered wood areas down to a stable surface. Clean and sand old load-bearing coatings. Round off sharp wooden edges. Ensure sufficient drainage slopes on horizontal surfaces. The moisture content of hardwood should not exceed 12% and 15% for softwood. The drier it is the surface, the greater the penetration depth, which means the protective function and lifespan of subsequent coats is improved. Wash tropical woods containing drying-retarding ingredients with nitro thinner and apply a test coat. It's recommended to treat untreated. Susceptible to fungi, exposed woods and untreated woods in exterior we recommend to treat with a wood impregnation primer - Holz-Imprägnier-Grund. Read the technical data sheet, DIN 68800, part 3 and BFS leaflet 18.

Substrate:

The substrate must be firm, dry, clean, load-bearing, and free of any separating parts.

Suitable substrates

Load-bearing old coating, iron, steel, zinc, galvanized surfaces, aluminum, hard plastics (hard PVC, PUR, acrylic glass, melamine resin, Formica), wood, wood-based materials.

Attention: Do not on thermoplastic surfaces! Old thermoplastic coatings can be recognized by a thinner test using a nitro thinner. Severe dissolving = old thermoplastic coating.

Substrate preparation:

Old coatings:

Check old coating for tight fit. Completely remove if not load-bearing. Load-bearing old coatings are to be sanded and cleaned thoroughly.

Iron and steel:

Thoroughly remove rust from iron and steel. Remove mill scale or scale, if present. Blast heavily contaminated steel surfaces to a standard purity level SA 2 1/2 according to DIN EN ISO 12944-4.

Zinc and galvanized surfaces:

Clean with SÜDWEST Kupfer- und Alu-Reiniger (copper and aluminium cleaner). Pay attention to the technical data sheet and the BFS leaflet Nr. 5

Aluminium (not anodized):

Clean with SÜDWEST Kupfer- und Alu-Reiniger (copper and aluminium cleaner). Pay attention to the technical data sheet and the BFS leaflet Nr. 6.

Hard plastics, e.g. hard PVC

Clean with SÜDWEST Kupfer- und Alu-Reiniger (copper and aluminium cleaner). Pay attention to the technical data sheet and the BFS leaflet Nr. 22

Wood and wood-based materials:

Sand and clean wooden surfaces in the direction of the fiber. Susceptible to fungi, exposed woods and untreated woods in exterior we recommend to treat with a wood impregnation primer - Holz-Imprägnier-Grund. Pay attention to the technical data sheet and the BFS leaflet Nr.18

Processing:

Stir well and apply undiluted either with a roller or a brush. Apply generously twice as a corrosion protection on iron and as an adhesion promoter on zinc. Apply undiluted once as an adhesion promoter on plastics and on old coatings. Apply once as a primer on wood based materials. Apply once undiluted as an intermediate coating.

Application by spraying:

Process	Nozzle	Material pressure/ Amount	Air pressure	Dilution
High pressure	2,0 mm	-	2,0 bar	5 – 10 %
Low pressure	middle	Ca. 2/3	2/3 – max.	5 – 10 %

Processing conditions:

Do not process or let dry when the temperature of the air and the object is less than 5°C. Do not process in direct sun.

Dilution/Cleaning of tools:

Use SÜDWEST 2K-Acryllack Verdünnung „kurz“ oder „lang“ (thinner short or long) or universal nitro-thinner

Advice: Synthetic resin thinners such as white spirit or Turpentine are difficult to mix together and can too lead to intolerances.

Drying:

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

Dustdry: ca. 30 minutes

Non-sticky: ca. 2 hours

Reworkable: ca. 3 hours (Synthetic resin paints)

ca. 36 hours (2-component-paints)

Thicker coat layers and/or lower temperatures may extend the drying process.

Special instructions:

Solvent-based alkyd resin paints have an odor that is typical of the material and can still be noticeable even after drying. We therefore recommend using SÜDWEST water-based paints for large-area applications in common rooms. Longer drying process may occur when painting horizontal surfaces, when a thicker coat is applied and/or in poorly ventilated drying rooms. Ensure that there is adequate warmth and ventilation. Do not expose processed surfaces to

weather influences for more than one week without any sealing coat. If the drying takes longer than 3 days, an intermediate sanding is recommended. If silk glossy or matt finish of zinc or steel substrates outdoors is desired, we recommend an intermediate coat with a high gloss paint.

EC Directive 2004/42/EC:

The product „SÜDWEST All-Grund“ falls below the maximum VOC content of product category I (500 g/l), and is therefore VOC compliant.

VDL declaration:

Alkyd resins, (depending on the shade - inorganic and/or organic pigments), inorganic white pigments, inorganic and mineral fillers, anti-corrosion pigments, aromatic and aliphatic hydrocarbon mixtures, glycol ethers, alcohols, wetting agents, layered silicates, antioxidants, adhesion promoters, light stabilizers.

GISCODE: BSL50

General safety advice:

Ensure good ventilation during the processing and drying of paints and varnishes. Keep away from food, drinks, and feed. Avoid contact with eyes and skin. Do not inhale dust when sanding. Use only in well-ventilated areas. Do not eat, drink, smoke or blow nose at work. Keep out of reach of Children. Do not discharge into the drains or waterways. When polluting rivers, lakes or sewers notify the relevant authorities in accordance with local laws.

Further information can be found in the current safety data sheet: www.xxlcolors.com

Storage:

Seal opened containers airtight. Store cool but frost-free.

Disposal:

Only empty containers are suitable for recycling. The current legal regulations must be observed for disposal.

Technical advice:

Regarding all questions that have not been answered by this technical data sheet send an email to info@sudwest.sk