

## TECHNICAL DATA SHEET

# 30240 METALLIC-LACK MIT HAMMERSCHLAGEFFEKT



## AREA OF APPLICATION

Interior and exterior. SÜDWEST Metallic-Lack mit Hammerschlageffekt is a very decorative special-purpose paint for protective finishes on prepared substrates including machine parts, railings, doors, and radiators. The effect is similar to a hammered metal surface.

## PROPERTIES

- Optimum consistent visual impact
- Very beautiful appearance
- Conceals substrate defects
- Thixotropic
- Easy to apply
- Heat-resistant up to approx. 80°C
- Weather-resistant
- With protection against corrosion
- Free from aromatic compounds (VdL-RL-01)

**COLOUR SHADE:** 0013 light grey

### ALL-COLOR FACTORY TINTING:

- 0014 medium grey
- 0015 dark grey
- 0016 blue
- 0017 green

**CONTAINER:** 750 ml, 2.5 l

**COVERAGE:** approx. 120 – 140 ml/m<sup>2</sup> per coating

**GLOSS LEVEL:** gloss

## AREA OF 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 service life of subsequent paint coats. 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

### SUBSTRATE PREPARATION:

#### EXISTING COATINGS:

Check for a firm hold. Completely remove existing non-load bearing coatings and build up again according to the substrate. Clean and thoroughly sand load-bearing existing coatings; pre-coat any defects with SÜDWEST All-Grund or SÜDWEST All-Deck Vorlack.

#### NEW WOOD OR ENGINEERED WOOD, INTERIOR:

If necessary, prime with SÜDWEST All-Grund, fill the entire surface as applicable, and apply an initial coat of SÜDWEST All-Deck Vorlack.

#### IRON AND STEEL:

Derust and clean. Prime with SÜDWEST All-Grund in areas exposed to heavy weathering. The product can be applied directly to iron and steel in unexposed areas.

#### ZINC:

Clean with SÜDWEST Zink- und Kunststoff-Reiniger and prime with 2 coats of SÜDWEST All-Grund.

#### RIGID PLASTICS:

Clean with SÜDWEST Zink- und Kunststoff-Reiniger and prime with SÜDWEST All-Grund.

#### ALUMINIUM (NON-ANODISED):

Clean with SÜDWEST Kupfer- und Alu-Reiniger and prime with SÜDWEST All-Grund. Warning: Seek expert advice for anodised aluminium.

#### EXISTING COATINGS:

Sand intact existing coatings and apply the product directly.

## APPLICATION

Apply 2 generous coats undiluted if possible, by painting, by roller, or by spraying. For optimum visual impact with full coverage of the substrate, apply the material in sufficient layer thickness. For optimum results, apply by spraying. When applying by roller to large surface areas, roll out evenly in one direction. Do not apply at temperatures less than +5°C or in direct sunlight.

**Warning:** Tools that come into contact with SÜDWEST Metallic Lack mit Hammerschlag-Effekt must be cleaned with care. The product contains silicone oils that can damage surfaces when mixed with other paints. Ideally, use a separate tool.

### HIGH-PRESSURE SPRAYING:

e.g. with SATAjet 3000RP/SATAjet RP

Nozzle: 1.4/2.0 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](http://www.suedwest.de) (Service/Download brochure)

### THINNING:

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):

Dust-dry: after approx. 1 h

Can be painted: after approx. 12 h

Fully dry: after approx. 48 h

Low temperatures and/or high humidity prolong the drying time.

## 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 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.

## COLOUR RETENTION IN ACCORDANCE WITH BFS DATA SHEET NO. 26

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

## EC DIRECTIVE 2004/42/CE

The Metallic-Lack mit Hammerschlageffekt product falls below the maximum VOC value of product category i (500 g/l) and is therefore VOC-compliant.

## VDL DECLARATION

Alkyd resins, effect pigments (mineral and/or organic pigments, depending on the colour shade), alcohols, acetates, aliphatic hydrocarbon mixtures, driers, antioxidants, interface additives, corrosion inhibitors, wetting agents, phyllosilicates

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

## STORAGE

Store in a cool but frost-free and dry place; can be stored for at least 24 months in the unopened original container.

## 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 force 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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