

## TECHNICAL DATA SHEET

# 30220 METALL-KLARLACK SEIDENMATT



## AREA OF APPLICATION

Very quick-drying acrylic quality varnish. Colourless weatherproof protective paint for exterior and interior use. No yellowing or fading. Ideal protection against oxidation for non-ferrous heavy metals including copper, brass, zinc, etc. Can also be used as a varnish for crafting materials made from paper, wood, etc.

### Warning:

SÜDWEST Metall-Klarlack does not provide protection against corrosion for iron or steel. Not suitable for use as a protective coating on substrates that are sensitive to solvents. Test the product first if you are unsure about the suitability of a substrate.

## PROPERTIES

- Prevents typical water marks, oxidation
- Non-yellowing
- Water-resistant
- Weather-resistant
- Excellent adhesion
- Heat-resistant up to approx. 80 °C
- Provides protection against aggressive environmental influences
- Avoids copper patina
- Resistant to common household cleaning agents, weak acids, weak alkalis, and hand perspiration, etc.
- Prevents drips from copper oxidation running down the surfaces of facades and walls

**COLOUR SHADE:** colourless

**CONTAINER:** 400 ml – spray tin

**COVERAGE:** approx. 200–400 ml/m<sup>2</sup>, depending on layer thickness

**GLOSS LEVEL:** gloss

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### 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.

## SUBSTRATE

### SUBSTRATE PREPARATION:

#### ALUMINIUM, COPPER, BRONZE, AND BRASS:

Clean with SÜDWEST Kupfer- und Alu-Reiniger and fine nonwoven abrasive.

#### CHROME, TIN, AND SILVER:

Pre-treat with a commercially available special cleaning agent.

#### STAINLESS STEEL:

Degrease with rinsing thinner.

#### ZINC:

Clean with SÜDWEST Zink- und Kunststoff-Reiniger and nonwoven abrasive (observe the Technical Data Sheet). Carry out a wetting test with water after cleaning. If the water drips off, clean again intensively.

## APPLICATION

Shake the spray tin for approx. 3 minutes. Carry out a spray test to determine the ideal spraying distance. Turn the spray head to align if necessary. Working in a criss-cross pattern, coat the surfaces (turn the spray head) with 2–3 thin layers. Leave to flash off for approx. 2 minutes after each criss-cross pattern.

## DRYING

(+20°C / 60 % rel. humidity)

Dust-dry: after approx. 10 min

Fully dry: after approx. 24 hours

## SPECIAL INFORMATION

Moisture penetration because of exposure to rain or dew prior to through-drying being completed can cause white water marks on the surface. Horizontal surfaces must have sufficient inclination for water to run off and at least 4 spray coats must be applied working in a criss-cross pattern. Users are responsible for carrying out a spray test on crafting materials to ascertain the compatibility of the substrate.

## EC DIRECTIVE 2004/42/CE

The Metall-Klarlack product is out of scope of the VOC Directive.

## 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

Close opened containers so that they are airtight after use. Store in cool but frost-free conditions.

### DISPOSAL

Only recycle empty containers. The current legal requirements regarding disposal must be observed.

### 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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