

TECHNICAL DATA SHEET

# 30016 AQUAVISION PU-AIRLESS LACK SATIN



## AREA OF APPLICATION

AquaVision PU-Airless Lack Satin is a lacquer for the efficient coating of prepared substrates in interiors and exteriors. Apply the product undiluted using an airless spray process.

## PROPERTIES

- Low-odour
- Efficient application on large surfaces
- Very good non-sag properties
- Rapid drying
- Excellent hiding power
- Block resistant
- Excellent flow properties
- High whiteness
- Non-yellowing
- Excellent mechanical resistance

**COLOUR SHADE:** 9110 white

**CONTAINER:** 5 l

**COVERAGE:** approx. 150 – 250 ml/m<sup>2</sup>

**GLOSS LEVEL:** mid sheen (approx. 20 – 25 GU at 60°)

## 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.

## SUBSTRATE

Primed timber and engineered wood, load-bearing existing coatings, primed substrates such as metals and plastics.

## SUBSTRATE PREPARATION:

### PRIMED SUBSTRATES:

Sand and clean surfaces thoroughly. For particularly high-quality surface finishes, apply an intermediate coat of or fill with SÜDWEST AquaVision PU-Airless Vorlack.

### EXISTING COATINGS:

Check for a firm hold. Completely remove existing non-load bearing coatings and build up again according to the substrate. Thoroughly clean and sand load-bearing existing coatings. For particularly high-quality surface finishes, apply an intermediate coat of or fill with SÜDWEST AquaVision PU-Airless Vorlack.

## APPLICATION

Stir well and apply undiluted by spraying.

|                   | Airless      | Temp Spray | Airmix    |
|-------------------|--------------|------------|-----------|
| Nozzle width      | 0.010"       | 0.010"     | 0.010"    |
| Material pressure | Min. 120 bar | 80–100 bar | 60–80 bar |

|              |         |         |               |
|--------------|---------|---------|---------------|
| Spray angle  | 20°–40° | 20°–40° | 20°–40°       |
| Temperature  | -       | 40°C    | -             |
| Air pressure | -       | -       | Approx. 2 bar |

## APPLICATION CONDITIONS:

Temperature and humidity influence the drying process and flow of water-based coating materials. Ideal application temperature 10–25 °C (approx. 60 % rel. humidity). The drying process is delayed by low temperatures and high humidity.

## DILUTION:

Apply undiluted.

## TOOL CLEANING:

Clean with water after use. Collect the cleaning/rinsing water and dispose of it properly.

## DRYING

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

Dust-dry and tack-free: approx. 1 h  
Over-coatable: approx. 12 h

Higher layer thicknesses and/or lower temperatures delay the drying times.

## Note:

After 16 hours, AquaVision PU-Airless Lack Satin can be sanded manually with a sanding pad.

Before sanding larger surfaces by machine, we recommend a drying time of approx. 36 hours.

## EC DIRECTIVE 2004/42/EC:

The product AquaVision PU-Airless Lack Satin falls below the maximum VOC value of product category d (130 g/l) and is therefore VOC-compliant.

## VDL DECLARATION

Acrylate dispersions, acrylate PUR dispersions, (mineral and/or organic (white) pigments depending on the colour shade), water, glycols, neutralising agents, antifoam agents, wetting agents, dispersing agents, thickeners, amorphous silicic acids, interface additives, surface additives, corrosion inhibitors, storage protection based on methylisothiazolinones and benzisothiazolinones

## GISCODE BSW30

## 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. Keep out of reach of children. Do not allow to enter ground water, bodies of water, or the sewer system in undiluted or large quantities. Further information and the current SDS are available at

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

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