



TECHNICAL DATA SHEET

30985 AQUAVISION HOLZ-SIEGEL SATIN

AREA OF APPLICATION

AquaVision Holz-Siegel satin is a varnish for sealing surfaces in interiors. Use the product directly to seal wooden substrates or as a colourless protective coating on already coated substrates. The product is resistant to various disinfectants. A test report in accordance with the DIN EN 71-3 inspection standard (European toy safety standard) is available.

PROPERTIES

- water-dilutable
- Low-odour
- Meets the requirements of the Committee for Health-related Evaluation of Building Products
- Rapid drying
- high resistance to yellowing
- Durable
- Viscous elastic
- Water vapour permeable
- Resistant to solvent-free household cleaning agents
- Resistant to disinfectants*

* See test report on our homepage

COLOUR SHADE: colourless

CONTAINER: 375 ml, 750 ml, 2.5 l

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

GLOSS LEVEL: silk 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

The substrate must be firm, dry, clean, load-bearing, and free from release agents.

SUITABLE SUBSTRATES:

Wood surfaces in interiors (e.g. floorings, wall coverings, furniture), oriented strand boards, cork, painted and glazed surfaces, emulsion paints.

SUBSTRATE PREPARATION:

Thoroughly sand and clean uncoated wood. Sand or matt existing paint and lasure surfaces with a nonwoven abrasive.

APPLICATION

Stir AquaVision Holz-Siegel satin well before use. On highly absorbent substrates, the priming coat must be diluted by up

to 30 %. AquaVision Holz-Siegel can be applied with a brush or by roller. Apply 1 – 2 undiluted top paint coats depending on the conditions. After applying the first coat on wood, sand the surface with a nonwoven abrasive or abrasive paper (graining 240/320).

PAINT BUILD-UP:

Wood surfaces, OSB, cork:

In the case of highly absorbent timbers, apply the priming coat diluted with max. 30 % water. Apply 1 – 2 undiluted top paint coats with AquaVision Holz-Siegel satin.

Paint and lasure surfaces:

To seal paint or lasure surfaces, apply 1 – 2 undiluted coats of AquaVision Holz-Siegel satin.

Emulsion paints:

To seal wall coatings on a dispersion base, apply 1 – 2 undiluted coats of AquaVision Holz-Siegel satin.

TOOL RECOMMENDATION:

For application by brush, we recommend using paint brushes with plastic fibre bristles. For application by roller, use a fine microfibre roller.

APPLICATION USING SPRAY PROCESS:

Process	Nozzle	Material pressure/quantity	Air pressure	Thinning
High pressure	2.0	-	2.0 bar	5 %
Low pressure	Medium	1/2 up to approx. 3/4	Max.	-

APPLICATION TEMPERATURE:

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. Do not apply in conditions under +5°C. High temperatures and very low humidity shorten the cure time.

DILUTION:

Dilute with water if necessary.

TOOL CLEANING:

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

DRYING

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

Dust-dry: approx. 1 h

Over-coatable: approx. 12 h

Final hardness: approx. 7 days

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

SPECIAL INFORMATION

Do not use on surfaces that will be exposed to intense stress during later use, e.g. due to contact with grease, plasticisers, alcohol, or other aggressive substances. Do not use on water-soluble stains. Surfaces coated with AquaVision Holz-Siegel satin can be cleaned with common household cleaning agents. Do not use abrasives or aggressive cleaning agents.

EC DIRECTIVE 2004/42/CE

The AquaVision Holz-Siegel satin product falls below the maximum VOC value of product category i (140 g/l) and is therefore VOC-compliant.

VDL DECLARATION

Acrylate dispersions, PUR dispersions, water, glycols, amorphous silicic acids, anti-foaming agents, interface additives, surface additives, polyurethane thickeners, neutralising agents

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

STORAGE

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

DISPOSAL

Only recycle empty containers. 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.

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