



## TECHNICAL DATA SHEET

# 30021 AQUAVISION HOLZ-ÖL

## AREA OF APPLICATION

SÜDWEST AquaVision Holz-Öl is a water-in-oil emulsion for the protection and maintenance of timber in interiors and exteriors. The product can be used on a wide variety of wooden substrates including floors, furniture, balconies, and fences. As it is based on renewable raw materials and contains no harmful substances, the product can even be used to coat apiaries, for example. A test report in accordance with the DIN EN 71-3 inspection standard (European toy safety standard) is available.

## PROPERTIES

- High penetration capacity
- No film formation
- Does not spall
- Open-pored
- Water-repellent
- Reduces crack formation
- Emphasises the wooden character
- Easy to maintain
- Pleasant to the touch
- Weather-resistant
- No biocidal film protection

**COLOUR SHADE:** 0901 colourless, 0001 natural, 8940 larch, 8941 blue Douglas fir, 8942 bangkirai, 8919 teak

**ALL-COLOR FACTORY TINTING:** more wood colour shades are available, including 7768 silver grey, 7051 natural grey, 7040 slate grey, 7151 vintage grey, 7158 sand grey

**CONTAINER:** 375 ml, 1 l, 2.5 l, 5 l

**COVERAGE:** 80 – 100 ml/m<sup>2</sup>

Actual coverage will depend on the specific project and is heavily influenced by factors including surface appearance and absorption capacity. Exact consumption

values can be determined by applying a test coat.

**GLOSS LEVEL:** matt

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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

### SUITABLE SUBSTRATES:

Hardwoods, coniferous woods, and thermowoods in interiors and exteriors.

### SUBSTRATE PREPARATION:

Round off sharp wooden edges. Ensure adequate drainage inclinations on horizontal surfaces. Moisture content in the wood should not exceed 13 +/- 2 % for dimensionally stable building elements; it should not exceed 18 % for non-dimensionally-stable building elements. The drier the substrate, the greater the depth of penetration, improving the protective function and service life of subsequent paint coats.

Sand and thoroughly clean new smooth or planed wooden surfaces. Remove emerging resin/wood constituents. Apply a priming coat and an intermediate coat to all sides of new wooden building elements if possible.

Remove weathered existing paint coats. Sand grey or weathered, oiled timber with grain size 80 in grain direction and then clean thoroughly.

For exterior applications, it is recommended to pretreat untreated or exposed timbers that are susceptible to fungus with SÜDWEST AquaVision Holz-Imprägnier-Grund WV. Observe Technical Data Sheet, DIN 68800 Part 3, and BFS data sheet 18.

## APPLICATION

Stir SÜDWEST AquaVision Holz-Öl well before use and apply two coats undiluted. After the first coat, sand SÜDWEST AquaVision Holz-Öl carefully with a fine nonwoven to remove upright wood fibres.

### MAINTENANCE:

Regular care and maintenance of oiled surfaces is recommended in exteriors. Check oiled surfaces at least once a year. Clean intact surfaces and re-oil with a single coating. Clean heavily soiled

surfaces with a suitable cleaning agent, leave to dry, then re-oil with a single coating.

**APPLICATION TEMPERATURE:**

Do not apply or leave to dry at an air or project temperature of less than +10°C or more than +30°C.

**THINNING/TOOL CLEANING:**

Clean tools with water immediately after use.

**DRYING**

(+20°C / 60 % rel. humidity)  
Over-coatable: approx. 6 h

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

**SPECIAL INFORMATION**

Standing water or snow can damage the surface of SÜDWEST AquaVision Holz-Öl over time. Therefore, exposed horizontal surfaces that have been treated with SÜDWEST AquaVision Holz-Öl in exteriors (e.g. wooden decks) should be inspected once a year and re-oiled if necessary. We recommend using SÜDWEST Holz-Öl (solvent-based) on horizontal surfaces without inclines that are exposed to moisture for prolonged periods of time. Factors that can affect the durability of oiled wooden surfaces in exteriors include the weather, the construction, and the colour shade used. A darker pigmentation will increase UV protection and therefore durability. Washout of wood constituents in exteriors can be prevented by coating on all sides.

**EC DIRECTIVE 2004/42/CE**

The AquaVision Holz-Öl product falls below the maximum VOC value of product category e (130 g/l) and is therefore VOC-compliant.

**VDL DECLARATION**

Alkyd resins, oils based on renewable raw materials (mineral and/or organic pigments depending on the colour shade), glycol ether, water, antifoam agents, driers, wetting agents, interface additives, polyurethane thickeners, storage protection based on 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1), benzisothiazolinones.

**GISCODE Ö10**

**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.

**STORAGE**

Store tightly sealed in cool, dry, and frost-free conditions. The colourless material can be stored for at least 24 months in the unopened original container. To avoid significant settling of pigments, tinted products should be used within approx. 3 months. Store in cool and dry but frost-free conditions.

**DISPOSAL**

Dispose of empty containers at an authorised hazardous waste centre. 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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