



TECHNICAL DATA SHEET

# 30011 FASSADEN-ÖL

## AREA OF APPLICATION

SÜDWEST Fassaden-Öl is a high-solid enriched oil for the protection and care of dimensionally stable and semi-dimensionally-stable timbers in exteriors. Use the product on timber facades, wooden houses, or windows to achieve an oiled surface. The product forms a thin film and is particularly suitable for coating vertical timber surfaces. We recommend using SÜDWEST Holz-Öl on horizontal surfaces.

## PROPERTIES

- High penetration capacity
- Thin film formation
- Does not spall
- Slightly thixotropic
- Water-repellent
- Reduces crack formation
- Emphasises the wooden character
- High weatherability
- High UV resistance due to transparent iron oxide pigments
- With film protection against algae and fungal attack

**COLOUR SHADE:** 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:** 1 l, 2.5 l, 5 l

**COVERAGE:** 100–120 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:** silk 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

Hardwoods, coniferous woods, and engineered wood products that are suitable for exteriors, e.g. solid timber boards, solid structural timber.

### 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. 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 Holz-Imprägnier-Grund LH. Observe Technical Data Sheet, DIN 68800 Part 3, and BFS data sheet 18.

## APPLICATION

SÜDWEST Fassaden-Öl is designed ready-to-use. Stir SÜDWEST Fassaden-Öl well before use and apply two coats undiluted.

Do not apply or leave to dry at an air or project temperature of less than +5°C or more than +30°C.

### caution:

Cloths that are soaked with SÜDWEST Fassaden-Öl may ignite spontaneously. Always spread these cloths out to dry.

**Care and 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.

#### THINNING AGENT/TOOL CLEANING:

Alkyd resin lacquer thinning agent.

#### DRYING

(+20°C / 60 % rel. humidity)

Dust-dry: approx. 7 h

Over-coatable: approx. 12 h

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

#### SPECIAL INFORMATION

To avoid spalling due to excess layer thicknesses, apply to horizontal surface areas undiluted but in thin layers.

Wood constituents can delay drying on tropical timber. Do not paint onto heated substrates in direct sunlight and/or onto wooden substrates that will be exposed to direct sunlight within 2 to 3 hours of application.

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 Fassaden-Öl product falls below the maximum VOC value of product category e (400 g/l) and is therefore VOC-compliant.

#### VDL DECLARATION

Alkyd resins (mineral and/or organic pigments, depending on the colour shade), aliphatic hydrocarbon mixtures, rheology additives, light stabilisers, driers, antioxidants, antifoaming agents, film protection based on iodopropynyl butylcarbamate.

#### GISCODE Ö100

#### 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 tightly sealed in cool, dry, and frost-free conditions. SÜDWEST Fassaden-Öl can be stored for at least 48 months in the unopened original container.

#### DISPOSAL

Empty containers must not be re-used. Dispose of contents/container to a

licensed hazardous-waste disposal contractor or collection site.

#### 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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