



TECHNICAL DATA SHEET

# 30915 UV-STOPP

## AREA OF APPLICATION

SÜDWEST UV-Stopp is a water-based light stabiliser for the preservation of the natural colour of untreated timber in interiors, e.g. for structural composite lumber, wooden ceilings, or timber cladding. SÜDWEST UV-Stopp penetrates deep into the surface of the timber and does not form a film. The light stabilisers absorb the UV radiation that is responsible for discolouring timber.

SÜDWEST UV-Stopp minimises yellowing, darkening, and greying without altering the natural appearance of the timber. Uneven discolouration caused by differences in the incidence of light (e.g. under carpets) is reduced. SÜDWEST UV-Stopp should be overcoated for further treatment and to protect the timber surfaces against soiling and moisture. If the type of timber is unknown, apply a test coating (see Special information).

## PROPERTIES

- Significant and long-lasting minimisation of yellowing and darkening of timber
- Reduces greying
- Solvent-free
- Easy application
- Incredible spreading rate
- Minimum film formation
- Test certificate for proven effect

**COLOUR SHADE:** colourless after drying (a milky colour shade in the container, turns an amber colour after stirring)

**CONTAINER:** 1 l, 5 l

**COVERAGE:** approx. 80–150 ml/m<sup>2</sup> depending on the absorption capacity of the surface.

**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.

## SUBSTRATE

Timber that has already yellowed or been coated must be sanded back to light wood. To ensure even penetration of SÜDWEST UV-Stopp over the entire surface, protect prepared timber against soiling (e.g. oily fingerprints).

## APPLICATION

Stir well before use. Apply undiluted with a paint brush or by immersion. Spray e.g. with HVLP. Warning: Please consider protective measures (gloves, protective gear, eye protection, face protection). See the SDS. Warning: Avoid running and seams, as they may remain visible. Do not apply at temperatures

less than +5°C or in direct sunlight. Only use plastic tools and plastic containers. If the product comes into contact with metal it may react, harden, or gel and become unusable.

### PAINT BUILD-UP:

Prime the entire surface of prepared timber with at least 1 coat of SÜDWEST UV-Stopp. A second application will avoid defects and increase resistance to wash-out. Do not sand timber after priming with SÜDWEST UV-Stopp; upright wood fibres can be removed carefully with a fine polyester nonwoven abrasive.

To protect the timber surfaces treated with SÜDWEST UV-Stopp against moisture and soiling, apply 2 coats of SÜDWEST AquaVision Holz-Siegel (colourless) or SÜDWEST Wachs-Lasur (colourless or white glazing). Intermediate sanding can be carried out after the first coating. Overcoat surfaces that are exposed to mechanical stress with 3 coats of SÜDWEST AquaVision Holz-Siegel.

### THINNING/TOOL CLEANING:

Clean tools with soap and water.

## DRYING

(+20°C / 60 % rel. humidity): approx. 2 hours

Overcoating of surface only after complete drying (at least 2 hours). Low temperatures and/or high humidity prolong the drying time.

## SPECIAL INFORMATION

Use SÜDWEST UV-Stopp only on untreated timber. We recommend always creating a **sample surface area** prior to application over large areas of the actual timber/project. The visual effect on the corresponding substrate can be assessed after drying overnight.

SÜDWEST UV-Stopp significantly reduces discolouration/yellowing of light timber, but it cannot stop it completely. Therefore, to avoid visible differences in colour shade, covering materials or adhesive tape on timber treated with SÜDWEST UV-Stopp must be removed after 24 hours at the latest. The inherent light reddish colour shade of SÜDWEST UV-Stopp may remain visible on some types of timber, veneer, or engineered wood boards (e.g. oriented strand boards) even after drying overnight. This discolouration usually disappears after a few days' exposure to light. On substrates with high absorption capacity (e.g. thin veneers), discolouration can also be caused by constituent ingredients (e.g. adhesives).

If undesirable discolouration remains visible after 3–4 days of drying, SÜDWEST UV-Stopp is not suitable for the tested substrate. The UV absorbers used are sensitive to water; protect treated timber against the ingress of water. Ensure cleanliness when treating bare timber with SÜDWEST UV-Stopp. Oily fingerprints, for example, will stop SÜDWEST UV-Stopp penetrating the timber. The timber will become patchy over time in these areas. Following application of SÜDWEST UV-Stopp, do not sand timber and do not treat timber with aggressive cleaning agents. Do not paint SÜDWEST UV-Stopp onto alkaline substrates/abrasion and protect substrates against splashes of plaster or render (yellowing will occur).

Red timber (e.g. rosewood) or ebony can bleach after treatment with SÜDWEST UV-Stopp if exposed to intense UV radiation.

#### EC DIRECTIVE 2004/42/CE

The UV-Stopp product is out of scope of the VOC Directive.

#### VDL DECLARATION

Water, additives, in-can preservation materials, light stabilisers, binders

#### GISCODE BSW20

#### 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)

#### STORAGE

Store in a cool but frost-free and dry place; can be stored for 24 months in the unopened original container.

#### 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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