



TECHNICAL DATA SHEET

# 30039 VENTI PLUS

## AREA OF APPLICATION

Venti Plus is a one-pot system for painting timber and plastics that are suitable for overcoating. The product can be used for dimensionally stable structural members (windows, doors) and semi-dimensionally-stable building elements (roof soffits, window shutters). The product is also suitable for use as a finishing coat for primed metals.

## PROPERTIES

- good edge coverage
- high filling capacity
- block resistant
- hard-wearing
- ventilating
- permeable to water vapour
- excellent hiding power
- very good adhesion
- very good colour stability
- high elasticity
- isolation of wood constituents
- long shelf life
- free from aromatic compounds (VdL-RL-01)

**COLOUR SHADE:** 9110 white

**ALL-COLOR FACTORY TINTING:** more colour shades on request

**CONTAINER:** 375 ml, 750 ml, 2.5 l, 5 l

**COVERAGE:** approx. 80 – 100 ml/m<sup>2</sup> per coating

**GLOSS LEVEL:** mid sheen (approx. 50 - 70 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. Sand grey and weathered wooden areas down to the load-bearing substrate. Clean and sand existing load-bearing paint coats. Round off sharp wooden edges. Ensure adequate drainage inclinations on horizontal surfaces. The moisture content for hardwood should be max. 12 % and for softwood max. 15 %. The drier the substrate, the greater the depth of penetration, improving the protective function and service life of subsequent paint coats. Wash tropical woods with constituents that delay the drying time with a cellulose thinner and apply a test coat. For outdoor applications, it is recommended to pretreat untreated or exposed timbers that are susceptible to

fungus with SÜDWEST Holz-Imprägnier-Grund LH or SÜDWEST AquaVision Holz-Imprägnier-Grund WV. Observe Technical Data Sheet, DIN 68800, Part 3, and BFS data sheet 18.

## SUBSTRATE

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

### SUITABLE SUBSTRATES:

Timber (softwood, hardwood, tropical wood), plastics that are suitable for overcoating, existing coatings, primed metals.

### SUBSTRATE PREPARATION:

#### TIMBER:

Sand and thoroughly clean timber surfaces in grain direction. Prime timbers susceptible to fungus in exteriors with SÜDWEST Holz-Imprägnier-Grund LH. Observe the Technical Data Sheet and BFS data sheet no. 18.

### PLASTICS SUITABLE FOR OVERCOATING, E.G. PVC:

Clean with the SÜDWEST Zink- und Kunststoff-Reiniger using an abrasive nonwoven. Observe the Technical Data Sheet and BFS data sheet no. 22.

### EXISTING COATINGS:

Check existing coatings for a firm hold. Completely remove existing non-load bearing coatings. Thoroughly clean and sand existing load-bearing coatings.

### METAL SUBSTRATES:

Prepare metal substrates properly and prime with SÜDWEST All-Grund. Observe the Technical Data Sheet. We recommend SÜDWEST Super-Dickschutz Uni or EG as a one-pot system for metal substrates.

## APPLICATION

Stir well and apply with a brush, with a roller, or by spraying. Apply 2–3 coats depending on the substrate. In the case of highly absorbent timbers, the first coat can be diluted up to max. 3 %.

### APPLICATION CONDITIONS:

Do not apply or leave to dry at an air and object temperature of less than +5 °C. Do not apply or leave to dry in direct sunlight.

### APPLICATION USING SPRAY PROCESS:

Processes	Nozzle	Material pressure/quantity	Air pressure	Thinning
High pressure	2.0	-	2.0 bar	approx. 5–10 %

### DILUTION:

If necessary, dilute with alkyd resin lacquer thinner (aromatic-free).

### TOOL CLEANING:

Clean with alkyd resin lacquer thinner after use. Dispose of cleaning agents properly.

## DRYING

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

Dust-dry: approx. 4 h

Over-coatable: approx. 12 h

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

## SPECIAL INFORMATION

Solvent-containing alkyd resin lacquers such as Venti Plus have a characteristic odour which may still be perceptible after drying. For large-area application in common rooms, we therefore recommend using SÜDWEST water-based paints which are recommended for indoor use.

The final gloss level of silk gloss paints will be established after approx. 2 weeks. Drying delays and gloss level deviations are possible in the case of horizontal painted surfaces and/or poorly ventilated drying rooms. Ensure adequate warmth and ventilation.

Optimum through-drying of the entire layer is ensured with material application of max. 100 µm per paint coat. Avoid higher wet-layer thicknesses, e.g. when spraying on horizontal surfaces, as this will delay through-drying considerably.

White and light colour shades have a tendency to yellow when exposed to artificial light or insufficient natural light. This is typical of alkyd resin lacquers and is therefore not a cause for complaint.

## COLOUR RETENTION IN ACCORDANCE WITH BFS DATA SHEET

### NO. 26:

Class: A, group: 1–3 depending on the colour shade

## EC DIRECTIVE 2004/42/CE

The Venti Plus product falls below the maximum VOC value of product category A/d (300 g/l) and is therefore VOC-compliant.

## VDL (GERMAN PAINT AND PRINTING INK ASSOCIATION) DECLARATION

Alkyd resins, (mineral and/or organic pigments, depending on the colour shade), mineral white pigments, mineral fillers, aliphatic hydrocarbon mixtures, wetting agents, antifoaming agents, surface additives, driers, light stabilisers, antioxidants

## GISCODE BSL10

## 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 safety data sheet are available at [www.suedwest.de](http://www.suedwest.de)

## STORAGE

Close opened containers so that they are airtight after use. Store tightly sealed in cool, dry, and 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 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).

STATUS: 2026/MARCH/KM