



## VL-60/sm Venti Coat 3 in 1

Solvent-based all-in-one coating system with sealing action for high-grade timber constructions



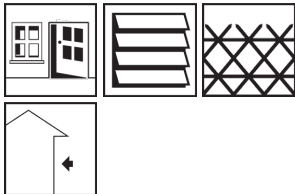
Colour	Availability			
	Quantity per pallet	672	200	96
	<b>Size / Quantity</b>	<b>0,75 l</b>	<b>2,5 l</b>	<b>5 l</b>
	Type of container	Tin bucket	Tin bucket	Tin bucket
	Container code	01	03	05
	<b>Art. no.</b>			
white (RAL 9016)	7170	■	■	■
special colours	7171	■	■	■

### Application rate

Approx. 50 - 70 ml/m<sup>2</sup> per coat



### Range of use



- For use on exterior wood
- Dimensionally stable wood building elements: e.g. windows and doors
- Wood building elements with limited dimensional stability, e.g. folding shutters, matchboarding, summerhouses
- Wood building elements with no dimensional stability: e.g. fences, framework, carports, planking
- Primer, intermediate and finishing coats
- Biocide-free finishing coat for impregnated wood, e.g. garden furniture
- Can also be used as a maintenance coat
- Not suitable for coating flooring (terraces, wooden decking, etc.)
- For use by professionals

### Property profile



- High total solids level for greater covering capacity
- Block resistant (in accordance with Code of Practice HO.03)
- Ventilating effect
- Free of aromatic compounds
- Easy to apply
- Good edge coverage
- Weatherproof and moisture-regulating
- Isolating effect against substances contained in the wood

### Characteristic data of the product

Binder	Alkyd resin combination
Density (20 °C)	1.20 ± 0.05 g/cm <sup>3</sup>
Viscosity (20 °C)	1750 ± 150 mPa•s
Odour	Characteristic
Degree of gloss	Silk matt

The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

### Certificates

- **DIN EN 71-3 "Migration of certain elements"**

### Additional information

- **Sustainability data sheet**

### Possible system products

- **IG-10 Impregnation Primer IT\* (7144)**
- **AG-20 Universal Primer (7150)**



➤ **HSL-30/m Premium Wood Protection Stain 3in1\* (7100)**

\*Use biocidal products carefully.  
Always read the label and product information before use.

**Preparation**

■ **Substrate requirements**

Dimensionally stable wood building elements: wood moisture content 11-15%  
Wood building elements with limited or no dimensional stability: wood moisture content max. 18%  
The substrate must be clean, dust-free and dry.

■ **Substrate preparation**

Thoroughly remove any dirt, grease and non-adhering old coatings.  
Thoroughly sand any old coatings that are still intact.  
Sand grey and weathered wood surfaces down to sound, bright wood.  
Remove any loose and torn knots as well as resin that bleeds from the wood and clean with a suitable product (e.g. V 101 Thinner).  
Observe BFS Code of Practice No. 18 "Coatings on Wood and Wooden Working Materials in Outdoor Areas".  
Exterior wood that is to be protected against rot and blue stain and/or wood-destroying insects should be pre-treated with a suitable wood preservative\* [see system products]. (\*Use biocides safely. Always read the label and product information before use.)

**Directions**

For professional users only!



■ **Conditions for use**

Optimum temperature of the material, air and substrate: from min. +5°C to max. +25 °C.  
Relative humidity 50% - 65%.

Stir well.

Apply with a brush, roller or by spraying.

Flow cup gun: nozzle size: 2.0 - 2.5 mm; atomiser air pressure: 2.0 - 3.0 bar.

Airless spraying: nozzle size: 0.28-0.33 mm; material pressure: approx. 200 bar.

Air-mix spraying: nozzle size: 0.28-0.33 mm; material pressure: 70-90 bar, atomiser air pressure 1-2 bar.

Apply further coats once dry.

Seal opened containers well and use contents as soon as possible.

**Tips on use**



Check colour, adhesion and compatibility with the substrate by setting up a trial area.

Before coating technically modified woods and wood-based materials, apply the product to a trial surface and conduct a suitability test on the desired area of use.

Do not use at temperatures below +5°C.

If the temperature is too low or the humidity too high, it will take longer for the material to reach the desired properties.

When using the product in the workshop or in enclosed spaces, make sure that the area has adequate air circulation and a good supply of fresh air.

Areas that are being coated or dried should be protected against rain, wind, sunlight and condensation.

On surfaces that are not exposed to daylight, e.g. the inner surfaces of windows and external doors, alkyd resin systems exhibit a certain degree of dark yellowing, in particular in rebates.

Bright, intense colours such as yellow, orange and red may have a lower covering capacity as a natural consequence of the pigments used. When using these colours, it is therefore recommended either to first apply a coat of a similar colour with a greater covering capacity, or to apply a second coat in the desired colour.

■ **Drying**

Dust-dry: approx. 4 hours

Touch-dry: approx. 6-8 hours

Overcoating: approx. 12 hours

Practice values at +20 °C and 65% relative humidity.

The coating may take significantly longer to dry thoroughly in lower temperatures, at high humidity or if the maximum layer thickness has been exceeded.

Longer drying times can improve the sealing effect.

■ **Thinning**

Ready to use

Dilute with up to 5% V 101 Thinner if necessary.

**Notes**

DIN EN 71-3 "Migration of certain elements":

This product complies with the limits for the migration of heavy metals to children's toys according to DIN EN 71-3 and thus fulfils one of several further requirements for the safety of children's toys according to the EU "Toy Directive" (2009/48/EC).

The final degree of gloss only sets in approx. 2-3 weeks after application. There may be slight differences in the gloss level depending on the colour.

On planed larch and softwoods with a high resin content, the coating may have reduced adhesion and



resistance to weathering. This is especially the case on horizontal year rings, knots and areas of winter growth that are high in resin. Maintenance and renovation must be carried out more frequently on these surfaces. The only remedy for this is pre-weathering or very coarse sanding (P80). If these wood types are rough-sawn, considerably longer maintenance and renovation intervals are to be expected. Observe the regulations concerning design principles for wood protection. Do not use on horizontal surfaces without drainage slopes and without edge radius, avoid accumulated moisture.

**Tools / Cleaning**

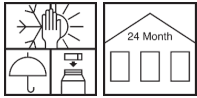
Brush with natural bristles, mohair roller, foam roller, airless/airmix spraying equipment



Clean tools immediately after use with V 101 Thinner. Ensure that any residue from cleaning is disposed of correctly.

**Storage / Shelf life**

If stored unopened in its original container in a cool, dry place and protected against frost, the product will keep for at least 24 months.



**Safety data / Regulations**

For further information on the safety aspects of transporting, storing and handling the product and on disposal and environmental matters, please see the current Safety Data Sheet.

**Personal protective equipment**

Respiratory protection with at least an A/P2 combination filter must be worn during spraying, together with safety goggles. Wear suitable protective gloves and clothing.

**Disposal**

Larger quantities of leftover product should be disposed of in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose of together with household waste. Do not allow to enter the sewage system. Do not empty into drains.

**VOC content as per the "Decopaint" Directive (2004/42/EC)**

EU limit value for the product (cat A/d): max. 300 g/l (2010). This product contains < 300 g/l VOC.

VOC	
Kat.	A/d
2010:	300g/l
max.:	300g/l

Please note that the data and information given above have been calculated as guidelines in the laboratory and from real-life experience and are therefore not binding as a basic principle.

This information is therefore of a general nature only and describes our products and how they are used and worked with. In this respect, it must be borne in mind that the varied and diverse nature of the

prevailing working conditions, materials used and construction sites encountered means that not every individual case can be covered. In this respect, we therefore recommend either conducting tests or liaising with us in the event of any doubt. Unless we have provided express written assurance of the products' specific suitability or characteristics in respect of a contractually stipulated intended use, any technical application-related advice or instruction will never

be binding, even though it is provided to the best of our knowledge. In all other respects, our general terms and conditions of sale and delivery shall apply.

When a new version of this Technical Data Sheet is published, it shall replace the previous version.