

# Capalac Venti

Moisture regulating, priming, intermediate and finishing coat for wooden parts with dimensional or limited dimensional stability.

For exterior and interior use. Free of aromatic hydrocarbons.



## Product Description

Field of Application	<p>Moisture regulating window coating system for exterior and interior use, suitable as priming, intermediate and finishing coat.</p> <p>On folding shutters the use of Capadur Color Wetterschutzfarbe is recommended, due to the oftentimes adverse constructional conditions. Do not apply on timber framing or wooden facades. Due to the product typical odour, the use of Capacryl PU-Satin is recommended for extended indoor applications.</p>
Material Properties	<ul style="list-style-type: none"> <li>■ Elegant and easy application.</li> <li>■ Moisture regulating.</li> <li>■ Fast-drying.</li> <li>■ Good edge-covering properties.</li> <li>■ Resistant to normal household detergents and short-time resistant to weak acids and alkalis.</li> <li>■ Free of aromatic hydrocarbons.</li> </ul>
Material Base / Vehicle	Alkyd resin, solvent based, free of aromatic hydrocarbons.
Packaging/Package Size	<ul style="list-style-type: none"> <li>■ <b>Standard Colour White:</b> 375 ml, 750 ml, 2.5 litres, 10 litres</li> <li>■ <b>ColorExpress:</b> 1 litre, 2.5 litres, 10 litres</li> </ul>
Colours	<p>White.</p> <p>Tintable via the ColorExpress (Capalac mix) tinting &amp; mixing machine system. When applying the product in colour shades of low opacity, e.g. red, orange or yellow, it is advisable to previously apply one priming coat, tinted in a matching priming system colour. Priming system colours are available via ColorExpress for the following products: Capalac Venti, Capalac AllGrund, Capalac Vorlack and Capalac GrundierWeiß.</p> <p>Please Note: If necessary, apply one sealing coat of clear coating material Capalac Kunstharz-Klarlack on coatings in intensive or deep/dark colours, to prevent a slight abrasion of pigments.</p> <p><b>Note:</b> The typical yellowing of alkyd resins may occur on white and light/bright colours and cannot be objected (caused by low UV radiation, heat or chemical influences due to e.g. ammonia vapour from cleaning agents, adhesives, paint or sealing compounds).</p> <p><b>Colour Resistance according to BFS Data Sheet No. 26:</b> Binder: Class B Pigmentation: Group 1 to 3, depending on the colour.</p>
Gloss Level	Satin-gloss/satin-finished (mid sheen)
Storage	Keep in a cool place, in tightly closed can/container.



# TECHNICAL INFORMATION NO. 086

Technical Data

■ Density: Approx. 1.25 g/cm<sup>3</sup>

Suitability according to  
Technical Information No. 606  
Definition of Application Areas

Interior 1	Interior 2	Interior 3	Exterior 1	Exterior 2
○	○	○	+	+
(-) inapplicable / (○) of limited suitability / (+) suitable				

## Application

Suitable Substrates

Dimensionally stable and limited stable wooden component parts.  
Substrates must be clean, sound/stable, dry and free from all substances that may prevent good adhesion.  
Max. permissible moisture content in dimensionally stable wood: 13 %; in limited stable wood: 15 %.

Substrate Preparation

**New Wooden Parts:**

Sand/grind the surface in fibre direction, clean thoroughly, remove seeping wood contents, e.g. wood resin/rosin and resin galls/pitch pockets, cut sharp edges (see BFS Data Sheet No. 18).

**Existing, Untreated Wood:**

Sand/grind off greyed, weathered surfaces to the stable, solid substrate and clean the surface thoroughly. Cut sharp edges (see BFS Data Sheet No. 18).

**Coated Wood:**

Remove all unstable existing coatings completely to the stable substrate. Roughen/sand and clean the surface of existing, adherent coatings.

Method of Application

**Guideline for Spray Application:**

	Ø Nozzle	Pressure	Thinning	Material Temperature
Aircoat-Tempspray	0.011 - 0.013 inch	180 - 200 bar	ready to use	35 °C

**Application:**

Spraying with Aircoat is possible in consistency of delivery when the product is heated before use (Tempspray). Capalac Venti is applicable with varnish brush or roller and is ready for use.

Surface Coating System

Substrate	Use	Substrate Preparation	Impregnation	Priming Coat	Intermediate Coat	Finishing Coat
Wood, derived materials	interior	sanding	–	Capalac Venti	Capalac Venti	Capalac Venti
Wood	exterior	BFS Data Sheet No. 18	Capalac Holz-Imprägnier-Grund	Capalac Venti	Capalac Venti <sup>1)</sup>	
Stable, existing paint coatings	interior/ exterior	sanding/treatment with alkali	– <sup>2)</sup>	Capalac Venti	Capalac Venti if necessary	
<sup>1)</sup>	Apply two intermediate coats on dimensionally stable wood component parts, as per BFS Data Sheet No. 18. Accordingly, apply an impregnation, priming, and intermediate coat before installation and an intermediate and finishing coat after installation. Please follow BFS Data Sheet No. 18 (Germany).					
<sup>2)</sup>	Defective areas of existing paint coatings (visible wood/timber) must be impregnated with Capalac Holz-Imprägniergrund. The interior surfaces of outer windows and doors belong to the exterior surfaces and may also be impregnated inside (on all sides) with Capalac Holzimprägniergrund.					

Consumption

	Brush Application	Roller Application	Spraying (Aircoat)
Consumption ml/m <sup>2</sup> /per coat	100 - 110	90 - 100	130

Consumption is a reference value only and may vary, depending on the substrate and its condition. Determine the exact amount of material required by coating a test area on site.

Application Conditions

**Lower Temperature Limit for Application and Drying:**

Min. 5 °C for product, substrate and ambient air.

Drying/Drying Time

At 20 °C and 65 % relative humidity	Dust Dry	Touch Dry	Recoatable (brush)	Recoatable (spraying)
after hours	3	6 - 7	4 - 6	6

Lower temperatures, higher humidity and higher layer thickness (higher consumption) extend the drying time.

Tool Cleaning

Immediately after use with white spirit/turpentine substitute.

## Advice

Special Risks (Hazard Note) / Safety Advice (Status as at Date of Publication)

### Capalac Venti white and Capalac mix Venti white:

Flammable liquid and vapour. Harmful to aquatic life with long lasting effects. Keep out of reach of children. Keep away from open flames/hot surfaces. - No smoking. Do not breathe vapours/ spray. Do not get in eyes, on skin, or on clothing. Use only outdoors or in a well-ventilated area. Avoid release to the environment. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Contains: butanone oxime, Bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate, Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate. May produce an allergic reaction.

### Capalac Venti transparent:

Flammable liquid and vapour. Harmful to aquatic life with long lasting effects. Repeated exposure may cause skin dryness or cracking. Keep out of reach of children. Keep away from open flames/hot surfaces. - No smoking. Do not breathe vapours/ spray. Do not get in eyes, on skin, or on clothing. Use only outdoors or in a well-ventilated area. Avoid release to the environment. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Contains: butanone oxime, Bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate, Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate. May produce an allergic reaction.

Disposal

Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local authorities. Particular attention should be made to removing wastage from site in compliance with standard construction site procedures. In Germany: Only completely empty containers should be handed in for recycling. Dispose containers with residues of liquid product via waste collection point accepting old paints and enamels. Dispose dried/hardened product residues as construction site/demolition/municipal or domestic waste.

EU limit value for the VOC content

of this product (category A/d): max. 300 g/l (2010). This product contains max. 300 g/l VOC.

Product Code Paints and Enamels

M-LL01 (Germany)

Substances of Content - Declaration

### Capalac Venti white and Capalac mix Venti white:

*Alkyd resin, titanium dioxide, calcium carbonate, silicates, aliphates, additives*

### Capalac Venti transparent:

*Alkyd resin, calcium carbonate, silicates, aliphates, additives*

Further Details

See Material Safety Data Sheets (MSDS).

Customer Service Centre

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