

Capacryl TriMaXX Venti

The block resistant allround lacquer



Product Description

Field of Application

Water-thinnable one-pot varnish for dimensionally stable and limited dimensionally stable wooden components such as windows and doors with old sanded alkyd resin and dispersion varnishes. Varnish for primed metal and rigid PVC surfaces for exterior and interior use. Capacryl TriMaXX Venti is a building enamel for non-traffic, vertically applied building material surfaces in building construction. Capadur Wetterschutzfarbe NQG/Matt should be used for roof soffits and non dimensionally stable wood components, e.g. on facades.

Material Properties

- High hiding power on surfaces and component edges
- Very good stability and high paint safety
- Block resistant
- Moisture ventilating
- Fast drying
- Direct adhesion to sanded alkyd resin paints
- Suitable for children's toys according to DIN EN 71-3

Material Base / Vehicle

Bimodal pure acrylic dispersion

Packaging/Package Size

Standard
750 ml, 2,5 Ltr.
ColorExpress:
750 ml, 2,5 Ltr.

Colours

White
Other shades can be tinted via ColorExpress.

Note:

For low opaque color shades such as red, orange, yellow, violet, we recommend a primer coat in the matching primer system color shade. For Capacryl Haftprimer and Capacryl PU-Vorlack, primer system shades are available via ColorExpress tinting technique.

Color fastness according to BFS Leaflet No. 26

Binder: Class A
Pigmentation: Group 1 to 3 depending on color shade

Gloss Level

Semi-gloss

Storage

Please store in a cool place and keep containers tightly closed.

Technical Data

Density: approx. 1.3 g/cm³



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

inside 1	inside 2	inside 3	outside 1	outside 2
+	+	+	+	+
(-) not suitable/ (○) limited suitability/ (+) suitable				

Application

Suitable Substrates

Dimensionally stable and limited dimensionally stable wooden components as well as primed metal and rigid PVC surfaces in interior and exterior building construction. The substrates must be clean, adherent, dry and free from separating substances. The wood moisture content must not exceed 13 % for dimensionally stable wooden components and 15 % for wooden components with limited dimensional stability. The application on sports equipment, furniture, vehicles, ships/boats, machinery, equipment, etc. is not intended. The suitability must be checked in individual cases. For roof soffits and wooden components that are not dimensionally stable, e.g. on facades, Capadur Wetterschutzfarbe NQG/Capadur Wetterschutzfarbe Matt should be used due to the lack of film protection against fungal attack. For building material surfaces that are frequently touched, such as z. e.g. handrails in highly frequented areas such as day-care centres, clinics, catering establishments, educational institutions, etc, please use Capalac Aqua 2K PU-Lack or PremiumCare 2K-Lack.

Substrate Preparation

Wooden components:

Observe BFS Leaflet No. 18 "Coatings on wood and wood building materials". Sand wood surfaces in the direction of the grain, clean thoroughly and remove escaping wood substances such as e.g. resins and resin galls. Break off sharp edges. If necessary, apply a preventive impregnation against blue stain fungus attack (observe permissible areas of application for wood preservatives). On white and light-colored paintwork, apply a barrier primer against discoloring wood ingredients, if necessary.

Iron, steel:

Prepare iron and steel to standard cleanliness level SA 2 1/2 (blasting) or ST 3 (machine) according to DIN EN ISO 12944-4. Apply suitable corrosion protection primer.

Aluminum:

Observe BFS Leaflet No. 6 "Coatings made of aluminum components". Clean with Universal Thinner or Gescha Multi-Star with plastic sanding pad. Prime e.g. with Capacryl Haftprimer (do not use on anodized aluminum).

Hard PVC:

Observe BFS Leaflet No. 22 "Coatings on plastic in building construction". Clean rigid PVC surfaces with Gescha Multi-Star and plastic sanding pad. Sand with abrasive <180 grit. Vacuum off sanding dust. Apply primer with Capacryl Haftprimer.

Old coatings:

Sand and clean adherent alkyd resin paints and/or acrylic dispersion paints.

Method of Application

Capacryl TriMaXX Venti can be applied with long bristle acrylic paint brushes especially for waterborne coatings. Short-pile coating rollers are suitable for roller application, followed by fine-pore foam coating rollers for the optimum surface finish. Airless is the ideal spraying method. Stir well before use.

Instructions for spray application*:

Spraying method	Ø Nozzle	Pressure	Dilution
Airless	0,010 – 0,012 inch	200 bar	10 % water

*These data are orientation values and may vary depending on the device type and manufacturer.

Surface Coating System

Substrate	Use	Substrat preparation	Impregnation	Priming Coat	Intermediate Coat	Finishing Coat
Wood, wood materials	interior	Sanding/cleaning	–	if necessary Capacryl Holz IsoGrund ¹⁾	Capacryl TriMaXX Venti	Capacryl TriMaXX Venti
Dimensionally and limited dimensionally stable Wooden components	outside	BFS Nr. 18	Capacryl Holz SchutzGrund or Capalac Holz-Imprägniergrund	Capacryl TriMaXX Venti or if necessary Capacryl Holz IsoGrund ¹⁾ or Capalac GrundierWeiß ¹⁾	Capacryl TriMaXX Venti ²⁾	
Iron, steel	interior	derust/clean	–	Capalac Aqua Multiprimer or Capalac AllGrund	if necessary Capacryl TriMaXX Venti	
Iron, steel	outside	derust/clean	–	2 x Capalac AllGrund	Capacryl TriMaXX Venti	
Galvanized steel, zinc sheet	interior/ outside	BFS Nr. 5	–	Capacryl Haftprimer	if necessary Capacryl TriMaXX Venti	
Aluminum (not anodized)	interior/ outside	BFS Nr. 6	–	Capacryl Haftprimer	if necessary Capacryl TriMaXX Venti	
Rigid PVC components	interior/ outside	BFS Nr. 22	–	Capacryl Haftprimer	if necessary Capacryl TriMaXX Venti	
adhesive old coatings ³⁾	innen/ außen	Sanding/cleaning ⁴⁾	–	Capacryl TriMaXX Venti	if necessary Capacryl TriMaXX Venti	

1) In the case of white and light-colored coatings, it may be necessary to block off wood ingredients.

2) On dimensionally stable wooden components (windows), an additional intermediate coat must be applied in accordance with BFS-Merkblatt No. 18.

3) This refers to alkyd resin coatings and acrylic dispersion architectural coatings. An adhesion test must be carried out on 2 Component coatings, powder coatings, coil coatings or other factory coatings and, if necessary, an EP adhesion primer must be used.

4) Damaged areas in old coatings must be pretreated according to the respective substrate.

Consumption

Approx. 120 - 140 ml per m²/ application

The consumption values are reference values which may vary depending on the substrate, substrate condition and application method. Exact consumption values can only be determined by prior test coatings.

Application Conditions

- Material, circulating air and substrate temperature: min. 8 °C (favorable range: 15 to 25 °C)
- Relative humidity: ≤ 80%

Drying/Drying Time

At 20 °C and 65% relative humidity	dust-dry	paintable
in hours	1 - 2	6 - 8

At lower temperatures, higher humidity and large film thicknesses, drying times are delayed.

Tool Cleaning

Clean tool after use with water and neutral wetting agent. Rinse with clear water.

Advice

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

If medical advice is needed, have product container or label at hand. Keep out of reach of children. Contains 1,2-benzisothiazol-3(2H)-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction. Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Disposal

Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local, regional, national and international authorities.

EU limit value for the VOC content

this product (Cat. A/d): 130 g/l (2010). This product contains max. 80 g/l VOC.

Giscode

BSW20

Substances of Content - Declaration

polyacrylic resin, titanium dioxide, silicates, mineral pigments / fillers, water, glycol ethers, glycols, additives, Preservative.

TECHNICAL INFORMATION NO. 970

Further Details
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See safety data sheets

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All suggestions and application instructions herein are based on our latest technical experience. Due to the wide variety of individual project conditions, we cannot be held responsible for their content. These instructions do not release the purchaser/ applicator from his responsibility to determine the suitability of the product in consideration of the project characteristics. These instructions are to be considered void when a new edition is released. Our general conditions of sale and delivery in their latest edition apply. This document is a translation of our German Technical Information No.970 · Capacryl TriMaXX Venti · Issued: November 2022

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