CapaWood® Wetterschutzfarbe NQG

The wood stain with NQG technology

Product Description

Field of Application

Water-based, weatherproof paint for silk matt wood coatings in outdoor areas.
Can be used on wood components with limited dimensional stability and non-dimensionally stable wood components, such as:

- Shutters
- Gates
- Half-timbered structures
- Facade formwork
- Pergolas
- Downpipes and rain gutters made of hard PVC
- Zinc sheet metal

Mineralized polymer surface thanks to nano-quartz grid technology for long-lasting clean surfaces without loss of elasticity of the coating film.

Do not use: For wood in permanent contact with soil or water and for wood that may come into contact with unpackaged food or animal feed. Not suitable for horizontal surfaces (e.g., terrace floors).

Material Properties

- High weather resistance
- Reduced tendency to become dirty
- Very good color stability
- Elastic
- Smooth, easy to apply
- Drip-resistant
- Water vapor permeable
- Surface temporarily protected against fungal and algae growth
- Film-protected

Material Base / Vehicle

NQG-modified plastic dispersion

Packaging/Package Size

- Color tone white: 0,7 l, 2,5 l, 5 l, 10 l
- Color tones Readymix: 2,5 l
- Base transparent: 0,7 l, 2,5 l, 5 l, 10 l

Colours

- White
- Light grey RAL 7035
- Chocolate brown RAL 8017
- Sweden red
- Deep black RAL 9005

All opaque colors according to the CapaWood Classic color chart and other colors can be tinted via ColorExpress. The colors on the CapaWood color chart and various color samples are for reference only. If in doubt, carry out a test coating.



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When using low-coverage colors (e.g., red, orange, yellow), we recommend applying a base coat in the appropriate primer system color.

Color stability according to BFS-Fachregeln Nr. 26:
Binder: Class A
Pigmentation: Groups 1 to 3 depending on color

Gloss Level: Silk matt

Storage:
- Store in a cool, sealed container.
- Protect from frost and high temperatures.

Shelf life of at least 2 years.

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

interior 1	interior 2	interior 3	exterior 1	exterior 2
-	-	-	+	+
(–) not suitablet / (○) limited suitable / (+) suitable				

Application

Suitable Substrates: Max. 18% wood moisture content for components with limited dimensional stability and non-dimensionally stable components according to BFS-Fachregeln Nr. 18.

Substrate Preparation: Wood surfaces must be cleaned of dust, dirt, resin pockets, grease, oil, etc. before coating. Thoroughly brush off sanding dust or loose residues of old paint. Silicone residues cause flow problems.
To prevent discoloration caused by water-soluble wood constituents, white and light colors must be primed with CapaWood Iso ShieldPrimer or Capalac Grundierweiß. Two coats of primer are recommended for knots.

Load-bearing wooden components	Must be impregnated in advance with CapaWood Protect Primer.
New wooden components	Thoroughly clean wooden surfaces and remove any wood constituents that may be leaking out, such as resins and resin pockets. Sand in the direction of the grain if necessary.
Maintenance of an existing structure with CapaWood weatherproof paint NQG	Thoroughly clean smooth and planed wood surfaces. Remove any wood constituents that may be seeping out, such as resins and resin pockets. If necessary, sand in the direction of the grain.
Zinc, Hard-PVC	Ammoniacal wetting agent wash with abrasive pad according to BFS No. 5 and 22 or abrasive cleaning with abrasive pad and Gescha Multi-Star or ILKA-Planofix diluted 1:5 with water. Prime with Capacryl Haftprimer.

Method of Application: Stir well before use, apply undiluted and do not mix with other products.

New wood	Apply at least two coats undiluted using a brush, spray, or roller. Apply the first coat to all sides.
Maintenance coats	Apply 1–2 coats undiluted. Sand between coats after the first application, only if absolutely necessary. Do not inhale sanding dust. Then apply another 1–2 coats undiluted.

When applying by spraying, observe additional requirements for personal protective equipment. See the safety data sheet for details.

Instructions for spray application:

	Nozzle	**Machine pressure**	**Spray angle**	**Dilution**
Airless	3 / 0,010 - 0,012 Inch	150 bar	140 bar	undiluted

Consumption	Brush application on smooth wooden surfaces: Approx. 110 – 150 ml/m² Brush application on rough-sawn wood surfaces: Approx. 200 – 300 ml/m² The condition of the substrate and the moisture content of the wood influence consumption and colour tone. Exact consumption values can only be determined by applying a test coat beforehand.
Application Conditions	■ Material, ambient air and substrate temperature: min. 5 °C (ideal range: 10 to 25 °C) ■ Relative humidity: ≤ 80 %
Drying/Drying Time	At 23 °C and 50 % relative humidity: ■ Touch dry: approx. 1 h ■ Recoatable: approx. 12 h ■ Rainproof: approx. 24 h Drying times depend heavily on the application quantity and drying conditions. Drying is delayed at lower temperatures and higher humidity or with low air exchange, e.g. due to dense storage of components on rack trolleys.
Tools	Brushes for water-soluble products are best suited for this task. Suitable brushes include M-Plus Aqua (Konex) Flachpinsel, Storch AquaSTAR soft or comparable brush types.
Tool Cleaning	After use, clean with water and, if necessary, a wetting agent (detergent) and dispose of in accordance with the safety data sheet. Wearing nitrile gloves is recommended.
Note	Dense wood types such as larch and tropical woods are not suitable for water-based wood coatings in outdoor areas; spruce, fir and pine wood are preferable. With the exception of CapaWood Aqua TopOil and CapaWood Aqua TopOil Pure, water-based coatings should be avoided on dense wood types. Detailed information on this topic is available from our technical advisors. If the type of wood for outdoor coating is unknown, a solvent-based product is recommended. Observe BFS-Fachregeln Nr. 18! Raw wood in outdoor areas should be coated immediately before it is exposed to the weather (UV radiation, precipitation, wind). Otherwise, reduced paint adhesion caused by the formation of a separating layer is to be expected. The degree of this problem cannot be determined with standard construction site tests. Extending the service life of coated timber façades: ■ A coating cannot compensate for any shortcomings in the structural protection of the timber. ■ The use of rift-cut and semi-rift-cut boards is strongly recommended for facade surfaces exposed to severe weathering, as weathering causes the top layers of wood on the surface of flat-cut boards to peel off, resulting in extensive damage to the coating. ■ Vertically mounted facade cladding is preferable to horizontal cladding. ■ For façade cladding, rough-sawn surfaces are preferable to planed surfaces. For further information on wood protection and maintenance intervals, please refer to the CapaWood Chronograph.

Advice

Special Risks (Hazard Note) / Safety Advice (Status as at Date of Publication)	Harmful to aquatic life with long lasting effects. Avoid release to the environment. Dispose of contents/container to an approved waste disposal plant. Contains 3-iodo-2-propynyl butylcarbamate, 1,2-benzisothiazol-3(2H)-one, 2-methyl-1,2-benzothiazol-3(2H)-one. May produce an allergic reaction. For professional/industrial applications. Treated article, contains a biocidal product. Film preservative: IPBC, terbutryn. preservatives: BIT, MBIT. Hotline for allergy enquiries: 0800/1895000 (free of charge from German landlines).
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. Washing water must not be discharged into the sewage system or the environment.
EU limit value for the VOC content	of this product (category A/d): 130 g/l . This product contains max. 10 g/l VOC
Giscode	BSW50
Substances of Content - Declaration	Polyacrylic resin, silicates, calcium carbonate, water, glycol ethers, additives, film preservatives, preservative.
Technical Assistance	This publication cannot cover all substrates encountered in practice and their technical treatment. If substrates are to be treated that are not listed in this technical information, it is necessary to consult with us or our sales representatives. We will provide you with detailed, project-specific advice.
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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.1329 · CapaWood® Wetterschutzfarbe NQG · Issued: January 2026

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