

# Capalac Aqua Multiprimer

The reliable protection with triple effect

## Product Description

### Field of Application

Suitable for adhesion promoting priming coats on existing paint and enamel coatings, wood, zinc/galvanised substrates, copper, unplasticized/rigid PVC and many other substrates after having checked for good adhesion (cross cut adhesion test).  
Primer-sealer, effective against wood extractives. Corrosion inhibiting primer for iron and steel. Suitable for the application of subsequent finishing coats of Capacryl PU-Satin/Gloss or Capadur Wetterschutzfarbe NQG/Matt. Applicable outdoors and indoors.

### Material Properties

- Water-emulsified.
- Ecologically compatible.
- Excellent adhesion/grip promoting properties.
- Seals wood components.
- Efficient corrosion protection.

### Material Base / Vehicle

Acrylic dispersion/emulsion

### Packaging/Package Size

**White:**  
750 ml, 2.5 litres and 10 litres

**RAL 7001 Silver Grey:**  
2.5 litres

### Colours

White, RAL 7001 Silver Grey

### Gloss Level

Silk-matt/semi-gloss (mid sheen / velvet or eggshell-like finish)

### Storage

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

### Technical Data

- Density: Approx. 1.3 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	<p>Stable existing coatings, wood and derived timber products, zinc/galvanised surfaces, copper, iron and steel, unplasticized (rigid) PVC. Unsuitable for use on stainless steel. Do not apply in the area of housetops/roofing. The substrate must be clean, sound/stable, dry, and free from all materials that may prevent good adhesion. Max. permissible moisture content in dimensionally stable wood: 13 %; in limited dimensionally stable or unstable wood: 15 %.</p> <p>Sealing of seeping wood components cannot be guaranteed in each case. Discolouration of coats may occur, if highly soluble wood components/extractives are present. Hence it is always advisable to check for sufficient sealing power by coating a test area on site.</p>
Substrate Preparation	<p><b>Wooden Parts:</b> Sand the surface in fibre direction, clean thoroughly, remove exuding wood extractives, e.g. wood resin/rosin and resin galls, cut sharp edges (see BFS Data Sheet No. 18).</p> <p><b>Zinc/Galvanised Surfaces, Unplasticized (Rigid) PVC:</b> Wash with light ammonia solution using sanding pad according to BFS Data Sheets No. 5 and No. 22.</p> <p><b>Copper:</b> Clean with nitro-thinner or phosphoric-acid solution using sanding pad to BFS Data Sheet No. 6.</p> <p><b>Iron, Steel:</b> Derust to industry standard SA 2 ½ according to DIN EN ISO 12944 part 4.</p> <p><b>Existing Paint Coatings:</b> Sand the surface of existing coatings slightly and clean thoroughly. Remove unstable existing coatings.</p>
Method of Application	<p>Apply undiluted Capalac Aqua Multiprimer with Orelmix brush, short pile/nap enamel roller or airless spraying equipment.</p> <p><b>Guidelines for Spray Application:</b></p>

Spray gun	Ø Nozzle	Pressure	Dilution
Airless	0.008 – 0.011 inch	180-200 bar	delivered viscosity, undiluted

### Surface Coating System

Substrate	Use	Substrate Preparation	Impregnation	Priming Coat	Intermediate Coat	Finishing Coat
Wooden parts, limited stable; of unstable shape	exterior	BFS No. 18	Capacryl Holz SchutzGrund	1–2x Capalac Aqua Multiprimer	Capadur Wetterschutzfarbe NQG/Matt	Capadur Wetterschutzfarbe NQG/Matt
Wood, dimensionally stable	exterior	BFS No. 18	Capacryl Holz SchutzGrund	1–2x Capalac Aqua Multiprimer	Capacryl PU-Satin/Gloss	Capacryl PU-Satin/Gloss
Wooden parts	interior	sanding, cleaning	–	1–2x Capalac Aqua Multiprimer		
Iron, steel	exterior	derusting	–	2x Capalac Aqua Multiprimer		
	interior	derusting	–	Capalac Aqua Multiprimer		
Copper	interior/ exterior	sanding pad, cleaning, BFS No. 6	–	Capalac Aqua Multiprimer		
Unplasticized/rigid PVC	interior/ exterior	BFS No. 22	–	Capalac Aqua Multiprimer		
Sound existing paint coatings	interior/ exterior	sanding, cleaning	–	Capalac Aqua Multiprimer		
Zinc, galvanised steel	interior/ exterior	BFS No. 5	–	Capalac Aqua Multiprimer	Capacryl PU-Satin/Gloss	Capacryl PU-Satin/Gloss

- A trial application and check for adhesion by cross-cut test according to DIN EN 2409 must be completed for critical surfaces, e.g. powder coatings and coil coatings.
- An additional finishing coat may be necessary on colours with low opacity (hiding/covering power), e.g. red, yellow and orange colour shades.
- Apply two coats of Capalac Aqua Multiprimer on wooden parts with a high content of discolouring substances and also on knots. Allow to dry for at least 12 hours per coat; only then the discolouring wood extractives can be embedded into the priming coat.

# TECHNICAL INFORMATION NO. 018

Consumption	Approx. 100 – 130 ml/m <sup>2</sup> per coat. Consumption is a reference value and may vary depending on substrate requirements. The exact rate of consumption is best established by a trial coating.								
Application Conditions	<b>Lower Temperature Limit for Application and Drying:</b> Min. 5 °C for product, substrate and ambient air. Relative humidity must not exceed 80 %.								
Drying/Drying Time	<table border="1"><thead><tr><th>at 20 °C, 65% relative humidity</th><th>dust dry</th><th>touch dry</th><th>recoatable</th></tr></thead><tbody><tr><td>after hours</td><td>1–2</td><td>8–10</td><td>12–16</td></tr></tbody></table> <p>Lower temperatures and higher humidity extend the drying time.</p>	at 20 °C, 65% relative humidity	dust dry	touch dry	recoatable	after hours	1–2	8–10	12–16
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after hours	1–2	8–10	12–16						
Tool Cleaning	Clean tool after use with water and wetting agent, e.g. Gescha Multi-Star. It is recommended the wearing of nitrile gloves.								

## 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, mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). 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 emptied clean cans/containers should be given for recycling. Dispose containers with residues of liquid material as remnants of water-based paints and dried material as hardened paints waste or via domestic waste.
EU limit value for the VOC content	of this product (category A/i): 140 g/l (2010). This product contains max. 140 g/l VOC.
Giscode	BSW30
Substances of Content - Declaration	Polyacrylic resin, polysiloxane, titanium dioxide, mineral pigments / fillers, silicates, aluminum hydroxide, zinc phosphate, water, glycol ethers, glycols, additives, preservative
Customer Service Centre	Tel.: +49 6154 71-71710 Fax: +49 6154 71-71711 e-mail: kundenservicecenter@caparol.de  International Distribution: Please see <a href="http://www.caparol.com">www.caparol.com</a>

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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.018 · Capalac Aqua Multiprimer · Issued: September 2023