

# Capacryl Haftprimer

Acrylic primer. Adhesion promoting, water-dilutable.  
For exterior and interior use.



## Product Description

Field of Application

For adhesion promoting priming coats on existing paint coatings, enamel coats, wood, zinc/galvanised surfaces, unplasticized (rigid) PVC, aluminium, copper and many other problematical substrates before applying acrylic or alkyd resin enamels. Do not use alkyd resin enamels on zinc/galvanised surfaces.

Material Properties

- Water-dilutable.
- Ecologically compatible.
- Excellent adhesive strength (grip).
- Fast-drying.
- Diffusion-capable.
- Easy to sand.
- Suitable for use on children toys as per DIN EN 71-3

Material Base / Vehicle

Acrylic dispersion/emulsion.

Packaging/Package Size

- **375 ml:**  
White (Weiß)
- **750 ml, 2,5 l:**  
White (Weiß), Red-Brown (Rotbraun), Silver Grey (Silbergrau) approx. RAL 7001,  
Black (Schwarz) approx. RAL 9005
- **10 l:**  
White (Weiß), Red-Brown (Rotbraun), Black (Schwarz) approx. RAL 9005

Colours

White (Weiß), Red-Brown (Rotbraun), Silver Grey (Silbergrau) approx. RAL 7001, Black (Schwarz) approx. RAL 9005.

Tintable in various colour shades via ColorExpress.

When applying colours with low opacity, such as Red, Orange or Yellow, it is advisable to apply one priming coat using the matching colour shade of our Priming System. Priming System colours are available for Capacryl Haftprimer via the ColorExpress tinting technique.

Gloss Level

Matt (flat)

Storage

Keep in a cool, but frost-free place.  
Shelf life of original, tightly closed can/container: 24 months.

Technical Data

- Density: Approx. 1.5 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 / (o) of limited suitability / (+) suitable				



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## Application

Suitable Substrates	Wood, derived timber products, zinc/galvanised substrates, aluminium, copper, unplasticized (rigid) PVC, stable existing coatings. Do not apply on anodised aluminium. The substrate must be clean, sound/stable, dry, and free from all substances that may prevent good adhesion. Maximum permissible moisture content (WMC) in dimensionally stable wood: 13 %, in limited dimensionally stable wood and wooden parts of unstable shape: 15 %
Substrate Preparation	<b>Wooden Parts:</b> Sand the surface in fibre direction, clean thoroughly, remove all seeping wood contents, e.g. wood resin/rosin and resin galls (resin/pitch pockets). Cut sharp edges (see BFS Data Sheet No. 18). <b>Zinc, Unplasticized (Rigid) PVC:</b> Wash with light ammonia solution using a sanding pad as per BFS Data Sheet No. 5 and No. 22. <b>Aluminium, Copper:</b> Clean with destined detergents, e.g. Gescha Multi-Star, then sand with a plastic abrasive fleece (see BFS Data Sheet No. 6). <b>Existing Paint Coatings:</b> Sand the surface of existing coats of paint and/or treat slightly with alkali. Remove unstable existing coatings.
Method of Application	Capacryl Haftprimer is ready for use and can be applied by brush, roller or spraying equipment. Stir well before use and dilute to a max. of 5 % with tap (potable) water, if necessary.

**Guidelines for Spray Application:**

	Ø Nozzle	Spray Pressure	Air Pressure	Dilution
Airless	0,008 - 0,011 inch	180 - 200 bar	-	-
Airmix/Aircoat	0,011 - 0,013 inch	150 bar	2 - 3 bar	-
Low pressure	1,8 - 2,2 mm	-	approx. 0,5 bar	-
High pressure	2,0 - 2,5 mm	-	2 - 3 bar	-

## Surface Coating System

Substrate	Use	Substrate Preparation	Impregnation	Priming	Intermediate Coat	Finishing Coat
Dimensionally unstable and limited stable wooden parts	exterior	BFS No. 18	Capacryl Holzschutz-Grund	Capacryl Haftprimer or Capacryl Holz-IsoGrund <sup>1)</sup>	Capadur Wetterschutzfarbe NQG	Capadur Wetterschutzfarbe NQG <sup>3)</sup>
Wood(en) component parts	interior	sanding/cleaning	–	Capacryl Haftprimer or Capacryl Holz-IsoGrund <sup>1)</sup>	Capacryl PU-Vorlack or Capacryl PU-Gloss/PU-Satin	Capacryl PU-Gloss/PU-Satin <sup>3)</sup>
Dimensionally stable wood(en) component parts	exterior	BFS No. 18	Capacryl Holzschutz-Grund	Capacryl Haftprimer or Capacryl Holz-IsoGrund <sup>1)</sup>	Capacryl PU-Vorlack* or Capacryl PU-Gloss/PU-Satin	
Zinc/galvanised surfaces	interior/ exterior	BFS No. 5	–	Capacryl Haftprimer	if required Capacryl PU-Vorlack or Capacryl PU-Gloss/PU-Satin	
Aluminium/copper	interior/ exterior	BFS No. 6	–	Capacryl Haftprimer		
Rigid PVC	interior/ exterior	BFS No. 22	–	Capacryl Haftprimer		
Sound existing paint coating <sup>1)</sup>	interior/ exterior	sanding/ leaching (lixivate slightly)	– <sup>2)</sup>	Capacryl Haftprimer <sup>2)</sup>		

\* Two intermediate coats are required on dimensionally stable wooden parts, according to BFS Data Sheet No. 18.

<sup>1)</sup> Always apply Capacryl Holz-IsoGrund on wood with water-soluble, discolouring substances of content, 2x for knots.

<sup>2)</sup> Pretreat defects in existing paint coatings according to substrate requirements.

<sup>3)</sup> Apply two finishing coats, if necessary (e.g. when yellowish or reddish colour shades with low opacity/covering power are used).

Note: Adhesion must be tested in advance for powder coatings, coil coatings and other problematical substrates by a trial coating.

## Consumption

Approx. 100 - 130 ml/m<sup>2</sup> per coat.  
Consumption is only a guide value and may vary, depending on substrate requirements. Determine the exact amount of material required by coating a test area on site.

Application Conditions

**Lower Temperature Limit for Application and Drying:**  
 +8 °C for product, substrate and ambient air.  
 Relative humidity must not exceed 70 %.

Drying/Drying Time

At 20 °C and 65 % relative humidity	dust dry	dry to touch	recoatable with acrylic enamels	recoatable with alkyd resin enamels
after hours	1 - 2	10 - 12	12 - 16	48

Lower temperatures, higher humidity and a higher film thickness extend the drying time.

Tool Cleaning

Clean immediately after use with 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, 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 empty containers should be handed in for recycling. Dispose cans/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/i): 140 g/l (2010). This product contains max. 90 g/l VOC.

Product Code Paints and Enamels

M-LW01 (Germany)

Substances of Content - Declaration

Polyacrylate resin, titanium dioxide, coloured pigments, silicates, calcium carbonate, water, glycols, glycol ether, white spirit, additives, preservatives (methylisothiazolinone, benzisothiazolinone).

Customer Service Centre

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## Technical Information No.960 · Issue: May 2019

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.960 · Capacryl Haftprimer · Issued: February 2019