

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	<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> ■ 375 ml: White (Weiß), Red-Brown (Rotbraun), Reseda Green (Resedagrün) approx. RAL 6011 ■ 750 ml, 2.5 l: White (Weiß), Red-Brown (Rotbraun), Nut Brown (Nussbraun) approx. RAL 8011, Reseda Green (Resedagrün) approx. RAL 6011, Silver Grey (Silbergrau) approx. RAL 7001, Black (Schwarz) approx. RAL 9005 ■ 10 l: White (Weiß), Red-Brown (Rotbraun), Reseda Green (Resedagrün) approx. RAL 6011
Colours	<p>White (Weiß), Red-Brown (Rotbraun), Nut Brown (Nussbraun) approx. RAL 8011, Reseda Green (Resedagrün) approx. RAL 6011, Silver Grey (Silbergrau) approx. RAL 7001, Black (Schwarz) approx. RAL 9005</p> <p>Tintable in various colour shades via ColorExpress.</p> <p>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.</p>
Gloss Level	Matt (flat)
Storage	Keep in a cool, but frost-free place. Shelf life of original, tightly closed can/container: 1 year.
Technical Data	■ Density: Approx. 1.5 g/cm ³



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

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

Wooden Parts:
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).

Zinc, Unplasticized (Rigid) PVC:
Wash with light ammonia solution using a sanding pad as per BFS Data Sheet No. 5 and No. 22.

Aluminium, Copper:
Clean with nitro-thinner or phosphoric-acid solution using sanding pad as per BFS No. 6.

Existing Paint Coatings:
Sand the surface of existing coats of paint and/or treat slightly with alkali. Remove unstable existing coatings.

Method of Application

Guidelines for Spray Application:

	Ø Nozzle	Pressure	Dilution
Airless	0.011 - 0.015 inch	100 - 130 bar	max. 5 %

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.

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 ¹⁾	Capadur Color	Capadur Color ³⁾
Wood(en) component parts	interior	sanding/cleaning	–	Capacryl Haftprimer or Capacryl Holz-IsoGrund ¹⁾	Capacryl PU-Vorlack or Capacryl PU-Gloss/PU-Satin	Capacryl PU-Gloss/PU-Satin ³⁾
Dimensionally stable wood(en) component parts	exterior	BFS No. 18	Capacryl Holzschutz-Grund	Capacryl Haftprimer or Capacryl Holz-IsoGrund ¹⁾	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 ¹⁾	interior/ exterior	sanding/ leaching (lixivate slightly)	– ²⁾	Capacryl Haftprimer ²⁾		

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

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

²⁾ Pretreat defects in existing paint coatings according to substrate requirements.

³⁾ 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 ² 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.										
Drying/Drying Time	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">At 20 °C and 65 % relative humidity</th> <th style="text-align: center;">dust dry</th> <th style="text-align: center;">dry to touch</th> <th style="text-align: center;">recoatable with acrylic enamels</th> <th style="text-align: center;">recoatable with alkyd resin enamels</th> </tr> </thead> <tbody> <tr> <td style="text-align: left;">after hours</td> <td style="text-align: center;">1 - 2</td> <td style="text-align: center;">10 - 12</td> <td style="text-align: center;">12 - 16</td> <td style="text-align: center;">48</td> </tr> </tbody> </table> <p>Lower temperatures, higher humidity and a higher film thickness extend the drying time.</p>	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
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							
Tool Cleaning	Clean immediately after use with water.										

Advice

Please Note (Status as at Date of Publication)	Keep out of reach of children. Do not breathe spray dust. Use combifilter A2/P2 when spraying. Use P2 dust filter for grinding. Ensure good ventilation during use and drying. Do not eat, drink or smoke while using the paint. In case of contact with eyes or skin, immediately and thoroughly rinse with water. Do not allow product to enter drains, waterways or soil. Contains: 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction. Further information: See Material Safety Data Sheet (MSDS).
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. 140 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). In Germany: Advice for allergy sufferers with isothiazolinone allergy: German hotline 0180/5308928 (0.14 €/minute from German landline, MTS max. 0.42 €/minute).
Technical Assistance	As it is impossible to list herein the wide variety of substrates and their specific problems, please request our technical assistance in case of queries. We will describe appropriate working methods, if a substrate not specified above is to be coated.
Customer Service Centre	Tel.: (+49) 0 61 54 / 71 17 10 Fax: (+49) 0 61 54 / 71 17 11 e-mail: kundenservicecenter@caparol.de International Distribution: Please see www.caparol.com

Technical Information No.960 · Issue: March 2016

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: August 2014