

Capacryl Haftprimer

Acrylic primer. Adhesion promoting, water-thinnable.
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, unplastized (rigid) PVC, aluminium, copper and many other problematical substrates before applying acrylic or alkyd resin enamels. Do not apply alkyd resin enamels on zinc/galvanised surfaces.
Material Properties	<ul style="list-style-type: none"> ■ Water-thinnable ■ Ecologically compatible ■ Excellent adhesion (grip) ■ Quick-drying ■ Diffusion-capable ■ Easy to sand ■ Suitable for use on children toys according to 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	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 Pastel shades can be tinted via ColorExpress.
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	<ul style="list-style-type: none"> ■ Density: Approx. 1.5 g/cm³



Application

Suitable Substrates	<p>Wood, derived timber products, zinc/galvanised substrates, aluminium, copper, unplastized (rigid) PVC, sound existing coatings. Do not apply on anodised aluminium. The substrate must be clean, sound/stable, dry, and free from all materials that may prevent good adhesion. Maximum permissible moisture content in dimensionally stable wood: 13 %, in limited dimensionally stable wood and wooden parts of unstable shape: 15 %</p>								
Substrate Preparation	<p>Wooden Parts: Sand the surface in fibre direction, clean thoroughly, remove all exuding wood extractives, e.g. wood resin/rosin and resin galls. Cut sharp edges (see BFS Data Sheet No. 18).</p> <p>Zinc, Unplastized (Rigid) PVC: Wash with light ammonia solution using a sanding pad as per BFS Data Sheet No. 5 and No. 22.</p> <p>Aluminium, Copper Clean with nitro-thinner or phosphoric-acid solution using polishing pad according to BFS No. 6.</p> <p>Existing Paint Coatings Sand the surface of existing paint coats and/or treat slightly with alkali. Remove unsound existing coatings.</p>								
Method of Application	<p>Guidelines for Spray Application:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Ø Nozzle</th> <th>Pressure</th> <th>Thinning</th> </tr> </thead> <tbody> <tr> <td>Airless</td> <td>0.011–0.015 inch</td> <td>100–130 bar</td> <td>max. 5 %</td> </tr> </tbody> </table> <p>Application: Capacryl Haftprimer is ready for use and can be applied by brush, roller or spraying equipment. Stir well before use and dilute up to 5% with tap water, if necessary.</p>		Ø Nozzle	Pressure	Thinning	Airless	0.011–0.015 inch	100–130 bar	max. 5 %
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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 which contains water-soluble, discolouring substances, 2x for knots.

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

3) Apply two finishing coats, if necessary (e.g. when yellowish or reddish tints 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 application.

Consumption

Approx. 100-130 ml/m² per coat.
Consumption is only a guide value and may vary, depending on substrate requirements. The exact rate of consumption is best established by a trial coating.

Application Conditions

Lower Temperature Limit for Application and Drying:
+5 °C for material, substrate and ambient air.

Drying/Drying Time

At 20 °C and 65 % relative humidity	dust dry	touch dry	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

Please Note (Status as at Date of Publication)

Keep out of the reach of children.
In case of spray application: Do not breathe spray dust.
Ventilate well during application and drying phase.
After contact with eyes or skin, wash immediately with plenty of water.
Do not empty into drains, water courses or onto the ground.
Further information: See 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 emptied 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.

Product Code Paints and Enamels

M-LW01

Substances of Content - Declaration

Substances of Content to VdL-RL01:

Polyacrylate resin, titanium dioxide, coloured pigments, silicates, calcium carbonate, water, glycols, glycol ether, white spirit, additives, preservative agent

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.

Customer Service Centre

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International Distribution: Please see www.caparol.com

Technical Information No. 960 · Issue: December 2010

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: January 2010

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