

CapaDIN

Approved quality • Matt interior paint



Product Description

Field of Application	Multi-purpose paint for coatings on interior walls and ceilings. Due to its easy application, CapaDIN is particularly suitable for large-area projects, where a high ground coverage is required.								
Material Properties	<ul style="list-style-type: none"> ■ Emission-minimised, solvent-free, low odour. ■ Free of fogging-active substances. ■ Water-dilutable, ecologically compatible. ■ Diffusion-capable. ■ s_d-value < 0.1 m ■ Easy to apply. 								
Material Base / Vehicle	Synthetic resin dispersion/emulsion according to German standard DIN 55945.								
Packaging/Package Size	<ul style="list-style-type: none"> ■ Standard Product: 5 l, 10 l, 12.5 l and 15 l <u>Airfix:</u> 15 l plastic bucket, 25 l hobbock, 120 l paint barrel, 480 l stainless steel container, 750 l recycling container ■ Antikweiß (Off-White): 12.5 l and 15 l <u>Airfix:</u> 25 l hobbock 								
Colours	White and Antikweiß (Off-white / approx. RAL 9010). CapaDIN can be tinted with CaparolColor or AmphiColor® (AVA) colourants. If more than one container is manually tinted, all product must be thoroughly mixed before use in order to avoid colour differences. Quantities of 100 litres or more in individual colour shades may be ordered ready-tinted ex factory. Check tinted product before applying to avoid colour differences. Always use tinted paint of same batch, when applying on seamless surfaces.								
Gloss Level	Dull matt (Dead-matt according to DIN EN 13 300)								
Storage	Keep in a cool, but frost-free place.								
Technical Data	<p>Characteristics according to DIN EN 13 300: Tinting may cause variations.</p> <table border="0" style="width: 100%;"> <tr> <td style="vertical-align: top; padding-right: 20px;">■ Wet abrasion:</td> <td>Wet scrub resistance Class 3, corresponds to "wash resistant" as per German standard DIN 53778</td> </tr> <tr> <td style="vertical-align: top; padding-right: 20px;">■ Contrast ratio:</td> <td>Opacity (hiding/covering power) Class 2, with a spreading rate of 6 m²/l or 160 ml/m²</td> </tr> <tr> <td style="vertical-align: top; padding-right: 20px;">■ Maximum particle (grit) size:</td> <td>Fine (< 100 µm)</td> </tr> <tr> <td style="vertical-align: top; padding-right: 20px;">■ Density:</td> <td>Approx. 1.6 g/cm³</td> </tr> </table>	■ Wet abrasion:	Wet scrub resistance Class 3, corresponds to "wash resistant" as per German standard DIN 53778	■ Contrast ratio:	Opacity (hiding/covering power) Class 2, with a spreading rate of 6 m ² /l or 160 ml/m ²	■ Maximum particle (grit) size:	Fine (< 100 µm)	■ Density:	Approx. 1.6 g/cm ³
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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

Substrate Preparation

The substrate must be sound/stable, dry, clean, and free from all substances that may prevent good adhesion. In Germany: Follow VOB, part C, DIN 18363, section 3.

Interior Plasters in Mortar Groups/Classes PII (Lime-Cement Mortars) and PIII (Cement Mortars) / Minimum Compressive Strength according to DIN EN 998-1: 1.5 N/mm²:

Solid plasters with normal absorbency require no preliminary treatment. Prime highly porous, sanding or absorbent plasters with OptiGrund or CapaSol.

Gypsum Mortar and Ready-Mixed Gypsum Plasters of Mortar Group/Class PIV / Minimum Compressive Strength according to DIN EN 13279: 2 N/mm²:

Prime with Haftgrund. Sintered surfaces: Sand/grind off sintered skin, remove all sanding dust and prime with Tiefgrund TB.

Gypsum Wallboards:

Prime absorbent boards with OptiGrund or Tiefgrund TB. Prime highly compact, smooth boards with Haftgrund to promote promoting.

Gypsum Plasterboards (Sandwich-Type Plaster Boards/Am.: Drywalls):

Sand/grind off filler (mortar) burrs. Prime and strengthen soft gypsum areas (repairs) with Tiefgrund TB. Prime with Haftgrund, OptiGrund or CapaSol. Boards with water-soluble, discolouring content that leaves marks must be primed with AquaSperrgrund. In Germany: Follow BFS Data Sheet No. 12.

Concrete:

Remove all releasing agent (formwork oil residues) and chalking or sanding substances.

Autoclaved Aerated Concrete (AAC) / Cellular Concrete:

Prime with a 1 : 3 mixture of Capaplex and tap (potable) water.

Facing Brickwork and Fair-Faced Sand-Lime Brick Masonry:

Coat without pre-treatment.

Sound/Stable Existing Coatings:

Matt, slightly absorbent coatings can be treated without a preliminary preparation. Roughen/sand glossy surfaces and enamel coatings. Prime with Haftgrund.

Unstable Existing Coatings:

Remove unstable coatings of enamel, dispersion/emulsion paint or synthetic (organic) plaster. Apply one priming coat of Haftgrund on slightly absorbent, smooth surfaces. Apply one priming coat of OptiGrund or CapaSol on highly porous, sanding or absorbent substrates. Remove unstable coatings of mineral paint by mechanical means and remove dust. Prime with Tiefgrund TB.

Glue-Bound Distemper (Limewater Colour/Paint):

Wash off the existing distemper very thoroughly, allow to dry and prime with Tiefgrund TB.

Uncoated Woodchip/Ingrain, Relief or Embossed Wallpapers (made of Paper):

Coat without pre-treatment.

Non-Adherent Wallpapers:

Remove the wallpapers completely and wash off all residues of wallpaper paste/glue and waste paper. Prime the substrate with Tiefgrund TB.

Mildewed/Mouldy Surfaces:

Remove fungal (fungi/mildew/mould) attack by wet cleaning, then use Capatox or FungiGrund and allow to dry thoroughly. Prime according to the type and condition of the substrate. Apply a finishing coat of Indeko-W, Malerit-W or Fungitex-W on heavily mould affected surfaces, in compliance with legal/local and official regulations (follow e.g. Ordinance of Biocidal Agents and Ordinance on Hazardous Substances).

Surfaces Stained by Nicotine, Water, Soot or Fat/Grease:

Remove nicotine, soot or fat/grease stains by washing with tap water adding a fat-dissolving household cleaning agent, then allow the substrate to dry thoroughly. Clean dried-up water stains with a dry scrubbing brush. Apply one insulating prime coat of AquaSperrgrund. Apply one finishing coat of Aqua-inn N°1 on strongly soiled surfaces.

	<p>Wood and Derived Timber Products: Coat with waterborne, ecologically compatible Capacryl acrylic enamels or Capacryl PU enamels.</p> <p>Small Defects: After having completed the necessary preparations, repair small defects with Akkordspachtel in accordance with our processing specification, and if necessary, prime subsequently.</p>
Method of Application	<p>Apply with paint brush, roller or airless equipment.</p> <p>Airless Application: Spray angle: 50° Nozzle size: 0.023" - 0.026" Spray pressure: 150 - 180 bar Clean tools/working equipment immediately after use with water.</p>
Surface Coating System	<p>One even, liberally applied coat of CapaDIN, diluted to a max. of 5 % with tap (potable) water. Surfaces with a high colour contrast may require one additional, previously applied priming coat of CapaDIN, diluted max. 10 %. Apply one priming coat of Haftgrund on unevenly absorbent substrates.</p>
Consumption	<p>Approx. 150 ml/m² per coat on smooth substrates. On roughly textured surfaces correspondingly more. Determine the exact amount of material required by coating a test area on site.</p>
Application Conditions	<p>Lower Temperature Limit for Application and Drying: +5 °C for product, substrate and ambient air.</p>
Drying/Drying Time	<p>At +20 °C and 65 % relative humidity surface-dry and recoatable after 4 - 6 hours. Completely dry and ready for stress after approx. 3 days. Lower temperatures and higher humidity extend the drying time.</p>
Note	<p>To avoid lapping, the product should be applied wet-on-wet and without interruption. Stir and sieve the paint thoroughly before airless spray application. The use of our product CapaSilan is recommended for surfaces subjected to adverse lighting conditions (sidelight/grazing light). Due to the use of Tiefgrund TB in interiors, a typical solvent odour is released, hence proper ventilation must be provided during application and drying. Use low odour AmphiSilan-Putzfestiger in sensitive areas (free of aromatic hydrocarbons). Touching up surfaces is depending on many parameters and may be visible after drying. (In Germany: See BFS Data Sheet No. 25)</p>

Advice

Please Note (Status as at Date of Publication)	<p>Keep out of reach from children. Ensure good ventilation during use and drying. Do not eat, drink or smoke while using the product. In case of contact with eyes or skin, immediately and thoroughly rinse with water. Do not allow product to enter drains, waterways or soil. Clean utensils immediately after use with soap and water. Do not breathe spray dust. Contains: 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction. In Germany: Advice for allergy sufferers with isothiazolinone allergy: Hotline 0180/5308928 (0.14 €/minute from German landline, MTS max. 0.42 €/minute). Further information: See Material Safety Data Sheet (MSDS).</p>
Disposal	<p>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 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.</p>
EU limit value for the VOC content	<p>of this product (category A/a): max. 30 g/l (2010). This product contains < 1 g/l VOC.</p>
Product Code Paints and Enamels	<p>M-DF01 (Germany)</p>
Substances of Content - Declaration	<p>Polyvinyl acetate resin dispersion/emulsion, titanium dioxide, calcium carbonate, silicates, water, additives, preservative (Methylisothiazolinone, Benzisothiazolinone).</p>
Technical Assistance	<p>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.</p>
Customer Service Centre	<p>Tel.: +49 06154- 71 7 1710 Fax: +49 05154- 71 7 1711 e-mail: kundenservicecenter@caparol.de</p> <p>International Distribution: Please see www.caparol.com</p>

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