

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

- 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

- **Standard Product:** 5 l, 10 l, 12.5 l and 15 l Airfix: 15 l plastic bucket, 25 l hobbock, 120 l paint barrel, 750 l recycling container
- **Antikweiß (Off-White):** 12.5 l. Airfix: 25 l hobbock

Colours

- White
- Antikweiß (Off-white / approx. RAL 9010).

Tintable with AmphiColor® Vollton- und Abtönfarben or with CaparolColor Vollton- und Abtönfarben. In case of self-tinting, mix the required total quantity to avoid differences in colour shade. For orders of 100 litres and more in one colour shade and application, also available factory-tinted on request. In order to recognise possible tinting errors, please check for colour shade exactness before application. Only use colour shades of one production (batch) on continuous surfaces.

Gloss Level

Dull matt (Dead-matt according to DIN EN 13 300)

Storage

Keep in a cool, but frost-free place.

Technical Data

Characteristics according to DIN EN 13 300:
Tinting may cause variations.

- 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 m²/l or 160 ml/m²
- Maximum particle (grit) size: Fine (< 100 µm)
- Density: Approx. 1.6 g/cm³



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

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.

Substrate Preparation

Plasters of mortar group PII and PIII/compressive strength according to DIN EN 998-1 with min. 1.5 N/mm²: Coat solid, normally absorbent renders without pre-treatment. Prime coarsely porous and absorbent renders with CapaSol RapidGrund or CapaSol Konzentrat.

Gypsum plasters of mortar group PIV/compressive strength according to DIN EN 13279 with min. 2 N/mm²: One priming coat of HaftGrund EG. Gypsum plasters with sintered skin: Sand, remove dust, prime with Dupa-Putzfestiger.

Gypsum boards: Apply one priming coat of CapaSol RapidGrund or CapaSol Konzentrat on absorbent boards. Apply one priming coat of HaftGrund EG to highly compacted, smooth boards.

Gypsum boards (plasterboards): Sand off filler burrs. Strengthen soft gypsum filler areas with Dupa-Putzfestiger. Prime with HaftGrund EG, CapaSol RapidGrund or CapaSol Konzentrat. For boards with water-soluble, discolouring ingredients, apply one priming coat of Caparol AquaSperrgrund. Observe BFS Data Sheet No. 12.

Concrete: Remove any release agent residues and chalking, sanding substances.

Aerated concrete: Apply one priming coat of Capaplex, diluted 1 : 3 with water.

Sand-lime brick and exposed brickwork: Coat without pre-treatment.

Load-bearing coatings: Recoat matt, slightly absorbent coatings directly. Roughen glossy surfaces and lacquer coatings. Apply one priming coat of HaftGrund EG.

Non-stable coatings: Remove non-stable coatings of lacquer, emulsion paint or synthetic resin plaster. Prime slightly absorbent, smooth surfaces with Haftgrund EG. Prime highly porous, sanding or absorbent surfaces with CapaSol RapidGrund. Remove non-bearing mineral paint coatings mechanically and remove dust from the surfaces. Apply one priming coat of Dupa-Putzfestiger.

Distemper coatings: Wash off the primer. Apply one priming coat of Dupa-Putzfestiger.

Unpainted woodchip, relief or embossed paper wallpapers: Coat without pre-treatment.

Non-sticking wallpapers: Remove completely. Wash off paste and waste paper residues. Prime with Dupa-Putzfestiger.

Mould-infested surfaces: Remove mould or fungal infestation by wet cleaning. Wash surfaces with Capatop or FungiGrund and allow to dry thoroughly. Apply a priming coat depending on the type and condition of the substrate. Apply a top coat of Indeko-W, Malerit-W or Fungitex-W to heavily infested surfaces. Observe the legal and official regulations (e.g. the Biological Substances Ordinance and the Ordinance on Hazardous Substances).

Surfaces with nicotine, water, soot or grease stains: Wash off nicotine stains as well as soot or grease stains with water using a grease-dissolving household cleaning agent and allow to dry thoroughly. Clean dried water stains by brushing dry. Apply a barrier primer coat of AquaSperrgrund. Apply the final coat of Aqua-inn N^o1 to heavily soiled surfaces.

Wood and wood-based materials: Coat with water-thinnable, environmentally friendly Capacryl Acryl-Lacken or Capacryl PU-Lacken.

Small defects: After appropriate preparatory work, repair with Caparol-Akkordspachtel according to processing instructions and, if necessary, re-prim.

Note Q2/Q3 Filling / thin gypsum layers < 0.5mm: When using gypsum-containing, hydraulically setting levelling compounds in quality level Q2/Q3, a transparent, water-based primer is recommended. For this, we refer to the Maler&Lackierer leaflet No. 2 -9/2020 "Adhesion problems of coatings on filled gypsum (cardboard) boards" of the Bundesverband Farbe, Gestaltung, Bautenschutz and Federal Committee for Paint and Property Protection. As an alternative to gypsum-based Q3 filling, filling with pasty filling compounds has proven successful.

Method of Application

Apply with paint brush, roller or airless equipment.

Airless Application:

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Dilution	max. 5% with water
Airless equipment	
Spray pressure	150 - 180 bar
SSpray angle	50°
Nozzle size	0,021" - 0,025"
Pistol filter in MW	ca. 0,31mm
Internally fed roller systems	
Spray pressure	80 - 120 bar
Pistol filter in MW	ca. 0,31mm

Clean tools/working equipment immediately after use with water.

Surface Coating System

A rich, even coat of CapaDin undiluted or diluted with a maximum of 5 % water. On surfaces with high contrast or streaky light, apply one priming coat beforehand, diluted with max. 10 % water. Apply one priming coat of HaftGrund EG on substrates with different degrees of absorbency.

Consumption

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.

Application Conditions

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

Drying/Drying Time

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.

Note

To avoid build-up, coat wet-on-wet in one go. To ensure an even surface gloss on smooth and/or streaky surfaces, a second coat may be necessary. For airless spray application, stir the paint well and sieve. Markings of touch-ups in the surface depend on many factors and are therefore unavoidable (BFS Leaflet 25). Use of phenol-based surface disinfectants may lead to yellowing of the surface.

Advice

Please Note (Status as at Date of Publication)

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).

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 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/a): max. 30 g/l (2010). This product contains < 1 g/l VOC.

Product Code Paints and Enamels

M-DF01 (Germany)

Substances of Content - Declaration

Polyvinyl acetate resin dispersion/emulsion, titanium dioxide, calcium carbonate, silicates, water, additives, preservative (Methylisothiazolinone, Benzisothiazolinone).

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