

CapaMaXX

Interior paint with maXXimum hiding power and coverage.



Product Description

Field of Application

Highly opaque, versatile interior paint for wall and ceiling coatings with a matt finish and optimum application properties. Ideal for use in prestigious work and living areas.

Material Properties

- Emission minimised and solvent-free
- Free of fogging-active substances
- Water-thinnable, ecologically compatible, low odour
- High yield.
- Plasticizer-free.
- diffusable
- s_d -value < 0.1 m

Material Base / Vehicle

Synthetic dispersion/emulsion according to German standard DIN 55945.

Packaging/Package Size

- **Standard Product:** 2.5 l, 5 l, 12.5 l and 15 l. Airfix: 25 l Hobbock and 120 l paint barrel
- **Old white:** 12.5 l
- **Light white:** 15 l.

- **ColorExpress:** 2.5 l, 7.5 l and 12.5 l

Colours

- White
- Old white (approx. RAL 9010)
- Light white (approx. RAL 9016)

Tintable with AmphiColor® Vollton- und Abtönfarben or with CaparolColor Vollton- und Abtönfarben. In case of self-tinting, mix the total quantity required to avoid differences in color shade. For orders of 100 liters and more in one color and order, also available factory-tinted on request.

CapaMaXX can be tinted by machine via ColorExpress according to all common color systems. In order to detect possible tinting errors, please check the color shade before application. Only use color shades of the same batch on continuous surfaces. When using slightly opaque colors such as red, orange, yellow, we recommend a priming coat of CapaMaXX in the appropriate priming system color. The corresponding priming system shades are available from ColorExpress Tinting Technology. A second top coat may be required.

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 2, corresponds to "scrub-resistant" according to German standard DIN 53778.
- Contrast ratio: Opacity (hiding/covering power) class 1, with a spreading rate of 8 m²/l or a consumption of approx. 125 ml/m²
- Maximum particle (grit) size: Fine (< 100 µm)
- Density: Approx. 1.5 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 18 363, 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 Mortar and Ready-Mixed Gypsum Plasters of Mortar Group/Class PIV / Minimum Compressive Strength according to DIN EN 13279: 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 DupaPutzfestiger. 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 distemper Coat. 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 Capatox 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°1 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:

Dilution	max. 5% mit Wasser
Airless equipment	
Spray pressure	150 - 180 bar
Spray angle	40° - 50°
Nozzle size	0,019" - 0,021"
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 immediately after use with water.

Surface Coating System

A rich, even coat of CapaMaxx 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. 5 % water. Apply one priming coat of HaftGrund EG on substrates with different degrees of absorbency.

Apply CapaMaXX evenly, then allow to shortly flash off and roll over very gently using the Caparol FeinRoller in order to produce nearly structureless surfaces.

Consumption

Approx. 125 ml/m² per coat on an even substrate. On rough-textured surfaces correspondingly more. The exact consumption is best established by a trial coating 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 hrs. Completely cured and ready for stress after approx. 3 days. Lower temperatures and higher relative humidity extend the drying time.

Note

To avoid build-up, coat wet-on-wet in one go. When applying by airless spraying, stir the paint well and sieve. For surfaces exposed to unfavorable light conditions (grazing light), we recommend using CapaSilan. In case of dark color shades, mechanical stress (scratching) may result in light streaks. For mechanically stressed surfaces with intensive color shades we recommend an additional protective coating with PremiumColor of the same color shade. Markings from touch-ups in the surface depend on many factors and are therefore unavoidable (BFS Leaflet 25).

Advice

German Certificates

- The harmless application indoors was evaluated by the Fraunhofer Wilhelm-Klauditz-Institut (WKI) and awarded the TÜV quality mark "tested for harmful substances". The certificate is available on request.
- Testing of disinfectant resistance by the Dr. Robert Murjahn Institute.

Please Note (Status as at Date of Publication)

If medical advice is needed, have product container or label at hand. Keep out of reach of children. Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. Contains 1,2-benzisothiazol-3(2H)-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction. For further details 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.

In Germany: Only completely emptied containers must be given 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): 30 g/l (2010). This product contains < 1 g/l VOC.

Product Code Paints and Enamels

M-DF01

Substances of Content - Declaration

Polyvinyl acetate resin, titanium dioxide, silicates, water, additives, preservative (methylisothiazolinone, benzisothiazolinone).

TECHNICAL INFORMATION NO. 331

Customer Service Centre

Customer Service Center:
Tel: 01785-818998
E-mail: info@caparol.co.uk



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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.331 · CapaMaXX · Issued: June 2022

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