

# CapaMaXX

High yield interior paint with maXXimum covering power.

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## Product Description

### Field of Application:

Interior paint with optimal application properties and a high covering power. For dull matt coatings on walls and ceilings. CapaMaXX is also applicable in paint sensitive working and living areas.

### Properties:

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

### Characteristics to DIN EN 13 300:

- **Wet abrasion:**  
Class 2, corresponds to scrub resistance according to DIN 53 778.
- **Contrast ratio:**  
Opacity (hiding/covering power) class 1, with a yield of 8 m<sup>2</sup>/l or approx. 125 ml/m<sup>2</sup>.
- **Gloss level:** Matt (dull matt)
- **Maximum particle size:** Fine (<100 µm).

Tinting may cause variations.

### Certificate:

The Fraunhofer Wilhelm-Klauditz-Institute (WKI) has audited the inoffensive application for interior use. The material is certified with German TÜV quality mark "pollutant-tested / supervised manufacturing process". German certificate is available on request.

### Vehicle:

Synthetic dispersion to DIN 55 945.

### Density:

Approx. 1.50 g/cm<sup>3</sup>

### Colours:

Standard colours: White and Off-White (approx. RAL 9010).

Can be tinted with CaparolColor or AVA – Amphibolin colourants.

Self-tinted material must be prepared in advance and mixed in order to avoid colour differences.

Quantities of 100 litres or more of individual shades may be ordered ready tinted from the factory.

CapaMaXX can be tinted to all current colour collections via the ColorExpress tinting machine system.

Brilliant, intensive colours may have a lower covering power. It is therefore recommended to apply a first coat in a similar hiding pastel tint, based on white. Possibly a second finishing coat may be necessary.

\*Amer. term: colorants



### Please Note (Status as at Publication):

Keep out of the reach of children. In case of contact with eyes, rinse immediately with plenty of water. Do not breathe spray dust. Do not empty into drains, water courses and onto the ground.

Further information: See Safety Data Sheets.

### Storage:

Cool, but frost-free.

### 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 waste from site in compliance with standard construction site procedures. In Germany: Only completely emptied 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.

### Product Code Paints and Enamels:

M-DF01

### Substances of Content - Declaration:

Polyvinyl acetate resin, titanium dioxide, silicates, water, additives, preservative.



### Package Size - Standard Material:

2.5 litres, 5 litres, 12.5 litres and 15 litres

Off-White: 12.5 litres

### CapaMaXX Airfix:

Ready to use for roller and spray application. For economic application with airless equipment.

25 litres hobbcock

120 litres paint barrel

220 litres Quick-Box

### ColorExpress

2.5 litres, 7.5 litres and 12.5 litres



## Application

### Surface Coating System:

One even, generously applied coat of CapaMaXX diluted up to max. 5% with tap (potable) water. High-contrast surfaces or substrates with high or irregular absorbency may require an additional previously applied first coat of CapaMaXX diluted max. 10%.

### Methods of Application:

Apply with paint brush, roller or airless equipment.

### Airless application:

Spray angle: 40° – 50°

Nozzle size: 0.019" – 0.021"

Spray pressure: 150 – 180 bar

Stir up and sieve the material thoroughly before application.

Clean tools and supplies for work immediately after use with water.

### Consumption:

Approx. 125 ml/m<sup>2</sup> per coat on smooth substrates. On rough-textured surfaces correspondingly more.

The exact rate of consumption is best established by a trial application.

### Lower Temperature Limit for Application and Drying:

+5 °C for material, substrate and ambient air.

### Drying Time:

At +20 °C and 65% relative humidity surface-dry and recoatable after 4 – 6 hrs. Thoroughly dry and ready for stress after approx. 3 days.

Lower temperatures and higher relative humidity extend the drying time.

### Note:

To avoid lapping, the material should be applied wet-on-wet and without interruption. Due to the use of Caparol-Tiefgrund TB in the interiors, a typical solvent odour is released, hence proper ventilation must be provided during application and drying.

Use non-aromatic, low-odour AmphiSilan-Putzfestiger in sensitive areas.

The use of CapaSilan is recommended for surfaces subjected to adverse lighting conditions (sidelight).

Mechanical loads (scratching) on dark-coloured surfaces may produce visible bright stripes.

The application of an additional protective finishing coat of PremiumColor in the same shade is recommended for intensively coloured surfaces or when surfaces are subjected to mechanical loads (follow Technical Information PremiumColor).

## Suitable Interior Substrates and their Preparation

The substrate must be sound/stable, dry, clean, and free from all materials that may prevent good adhesion.

In Germany: Follow VOB, part C, DIN 18 363, paragraph 3.

### Renderers/Plasters:

**Class P II Lime-Cement Mortars**

**Class P III Cement Mortars:**

Firm renderers/plasters with normal absorbency require no preliminary treatment.

Prime highly porous, sanding or absorbent renderers/plasters with OptiGrund E.L.F. or CapaSol LF.

### Gypsum and Ready-Mixed Gypsum Plasters of Mortar Group P IV:

Priming coat with Caparol-Haftgrund.

Sand sintered gypsum renderers/plasters, remove dust, and prime with Caparol-Tiefgrund TB.

### Gypsum Building Boards:

Prime absorbent boards with OptiGrund E.L.F. or Caparol-Tiefgrund TB.

Prime highly compact, smooth boards with Caparol-Haftgrund to promote bonding.

### Gypsum Plaster Boards:

Grind off putty burrs. Prime and strengthen soft and sandpapered gypsum areas of repairs with Caparol-Tiefgrund TB.

Prime with Caparol-Haftgrund, OptiGrund E.L.F. or CapaSol LF.

Boards containing water-soluble and discolouring substances must be primed with Caparol AquaSperrgrund.

In Germany: Follow BFS Data Sheet No. 12.

### Concrete:

Remove remnants of releasing agents and loose chalking or sanding materials.

### Porous Concrete / AAC:

Prime porous concrete / autoclaved aerated concrete with a 1 : 3 mixture of Capaplex and tap (potable) water.

### Fair-Faced Brick and Sand-Lime Brick Masonry:

No preliminary treatment required.

### Sound Existing Coatings:

Matt, slightly absorbent coatings may be treated without a preliminary preparation.

Roughen glossy surfaces and enamel/varnish coatings. Prime with Caparol-Haftgrund.

### Unsound Existing Coatings:

Remove unsound coatings of enamels, dispersion paints or synthetic resin-bound (organic) renderers/plasters completely.

Prime slightly absorbent, smooth surfaces with Caparol-Haftgrund.

Prime highly porous, sanding or absorbent substrates with OptiGrund E.L.F. or CapaSol LF.

### Distemper Paints:

Wash off the coating completely and prime with Caparol-Tiefgrund TB.

### Unpainted Wood-Chip, Ingrain or Embossed Wallpapers:

No preliminary treatment required.

### Non-Adherent Wallpapers:

Remove the wallpapers completely and wash off glue and remnants of lining. Prime the substrate with Caparol-Tiefgrund TB.

### Mildewed Surfaces:

Remove fungal (mildew/mould) attack by wet cleaning. Then treat the surface with Capatop or Fungitex-W and allow to dry thoroughly. Apply a priming coat according to the type and condition of the substrate.

Apply a finishing coat of Indeko-W, Malerit-W or Fungitex-W on badly infested surfaces in compliance with legal and official regulations (follow e.g. Biocidal Products Directive 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 grease-dissolving household cleaning agent, then allow the substrate to dry thoroughly. Clean dried-up water stains by dry brushing.

Apply an insulating coat of Caparol AquaSperrgrund (Technical Information No. 384).

### Wood and Derived Timber Products:

Coat with the water-thinnable, ecologically compatible Capacryl acrylic enamels or Capacryl PU enamels.

### Small Defects:

After having completed the necessary preparations, repair small defects with Caparol-Akkordspachtel in accordance with our processing specification, and if necessary, prime subsequently.

## Advice

### 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:

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e-mail: kundenservicecenter@caparol.de

### International Distribution:

Please see [www.caparol.com](http://www.caparol.com)

## Technical Information No. 331 - Revised: December 2009

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: October 2009

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