

# CapaMaXX Pro

Modern, preservative-free interior paint with SmartDry technology.



## Product Description

<p>Field of Application</p> <p>Material Properties</p> <p>Material Base / Vehicle</p> <p>Packaging/Package Size</p> <p>Colours</p> <p>Gloss Level</p> <p>Storage</p>	<p>The new generation of preservative-free interior paints. Modern formulation with SmartDry technology for surfaces free of marks, even on smooth substrates and in bright light. Extremely easy to apply and ideal for touching up.</p> <p>For new and renovation coatings on all interior surfaces. Particularly suitable for use in highly sensitive living and working areas, as there is no odour nuisance during application or drying. CapaMaXX Pro is particularly suitable for smooth surfaces and rooms with strong incidence of light, as it effortlessly achieves surfaces free of roll marks.</p> <ul style="list-style-type: none"> <li>■ Preservative free</li> <li>■ MaXXimum smooth, effortless application</li> <li>■ For even, seamless surfaces</li> <li>■ Optimally repairable</li> <li>■ Minimised emissions and solvent-free</li> <li>■ Free from fogging-active substances</li> <li>■ Diffusible</li> <li>■ High covering power</li> </ul> <p>Plastic dispersion according to DIN 55945.</p> <ul style="list-style-type: none"> <li>■ <b>Standard goods:</b> 5 l, 12,5 l</li> </ul> <ul style="list-style-type: none"> <li>■ White</li> <li>■ Light white (corresponds to RAL 9016)</li> <li>■ Old white (corresponds to RAL 9010)</li> </ul> <p>CapaMaXX Pro can be tinted by machine in the ColorExpress system from the white product up to a light reference value of approx. 70. In order to detect any tinting errors, please check the colour accuracy before processing. Only use colour shades from one production batch on contiguous surfaces.</p> <p>G4 - Dull matt (according to DIN EN 13 300)</p> <p>Cool but frost free.</p>
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## Technical Data

**Characteristic data according to DIN EN 13 300:** Deviations in the technical characteristics are possible due to tinting.

- Wet abrasion: R-class: 2
- Contrast ratio: H10-class: 1 at 8 m<sup>2</sup>/l
- Maximum particle (grit) size: S1 fine (up to 100 µm)
- Density: 1,47 g/cm<sup>3</sup>

Suitability according to  
Technical Information No. 606  
Definition of Application Areas

Interior 1	Interior 2	Interior 3	Exterior 1	Exterior 2
+	+	-	-	-
(–) not suitable / (○) limited suitable / (+) suitable				

## Application

### Suitable Substrates

The substrates must be free of dirt, separating substances and dry. Observe VOB, Part C, DIN 18363, Para. 3.

### Substrate Preparation

**Renderers according to DIN EN 998-1 class CS II - CS IV / compressive strength min. 2 N/mm<sup>2</sup>:** Solid, normally absorbent and even renderers can be coated without primer coat. Prime slightly sanding, absorbent renderers with OptiSilan TiefGrund, CapaSol RapidGrund or Sylitol RapidGrund 111. Prime more sanding renderers with OptiSilan TiefGrund.

**Gypsum plasters according to DIN EN 13279-1 / compressive strength min. 2 N/mm<sup>2</sup>:** Sand and remove dust from gypsum plasters with sintered skin, prime with OptiSilan TiefGrund, CapaSol RapidGrund or Sylitol RapidGrund 111.

**Gypsum boards/gypsum planks:** Prime absorbent boards with OptiSilan TiefGrund (for panelling, see also gypsum plasterboard).

**Gypsum boards (plasterboards):** Gypsum boards (plasterboard): Sand off filler burrs. Prime sanded gypsum filler areas and the gypsum boards with OptiSilan TiefGrund, CapaSol RapidGrund or Sylitol RapidGrund 111. In case of stronger absorption, prime with OptiSilan TiefGrund. For boards with water-soluble, discolouring ingredients, prime with Caparol AquaSperrgrund. Observe BFS Data Sheet No. 12, Part 2.

**Concrete:** Remove any release agent residues and chalking, sanding substances. Prime with OptiSilan TiefGrund, CapaSol RapidGrund or Sylitol RapidGrund 111.

**Load-bearing coatings:** Recoat matt, slightly absorbent coatings directly. Roughen glossy surfaces and paint coatings.

**Non-bearing coatings:** Remove non-stable varnish and dispersion paints or synthetic resin plaster coatings. Prime coarsely porous, sanding or absorbent surfaces with OptiSilan TiefGrund. Remove non-bearing mineral paint coatings mechanically and remove dust from the surfaces. Apply one priming coat of OptiSilan TiefGrund.

**Distemper coatings:** Wash off with primer. Apply a primer coat with Dupa Plaster Strengthenener. Alternatively, remove mechanically, rinse and prime with OptiSilan TiefGrund.

**Woodchip, relief or embossed paper wallpaper, non-adhesive wallpaper:** Remove completely. Wash off paste and waste paper residues. Prime with OptiSilan Deep Primer.

**Surfaces with nicotine, water, soot or grease stains:** Wash off nicotine stains as well as soot or grease stains with water, adding a grease-dissolving cleaning agent, and allow to dry thoroughly. Clean dried water stains by brushing dry. Apply a barrier priming coat of Caparol AquaSperrgrund fein (see Technical Information No. 384) or Caparol-Filtergrund grob (see Technical Information No. 845).

**Wood and wood-based materials:** Apply one priming coat of Capacryl Holz-Isogrund. On boards factory-coated with melamine resin, apply one priming coat of Capacryl-Haftprimer. The joint areas/ panel joints are not to be finished crack-free. Here, for higher visual requirements, a decoupling layer with thin gypsum boards with appropriate filling is recommended.

**Old lime filler techniques:** Remove sintered layer on the surface by sanding. In case of negative wetting test with water on sanded surface, the entire lime filler layer must be removed and the substrate must be rebuilt accordingly. In case of positive wetting test with water on sanded surface, prime with OptiSilan TiefGrund.

**Chips, joints and defects:** Fill deep holes accordingly.

**Note Q2/Q3 Filling / thin gypsum layers < 0.5 mm:** 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 the Bundesausschuss Farbe und Sachwertschutz. As an alternative to gypsum-based Q3 filling, filling with pasty filling compounds has proven successful.

# TECHNICAL INFORMATION NO. 335

Method of Application

Zu verarbeiten mit Pinsel, Rolle und Airlessgeräten.

## Airless application:

Dilution	max. 5% with water
Airless equipment	
Spray pressure	150 - 180 bar
Spray angle	40° - 50°
Nozzle size in Inch	0.019" - 0.021"
Pistol filter in MW	ca. 0.31 mm
Internally fed roller systems	
Spray pressure	80 - 120 bar
Pistol filter in MW	ca. 0.31 mm

Clean tools after use with water.

Surface Coating System

A rich, even coat with CapaMaXX Pro undiluted or diluted with max. 5 % water. On high-contrast surfaces, apply a previous primer coat diluted with max. 5 % water. On differently absorbent substrates, apply a primer coat of Caparol Haftgrund EG.

Consumption

Approx. 125 ml/m<sup>2</sup> per coat on smooth surfaces. Correspondingly more on rough surfaces. Determine exact consumption by test coating.

Application Conditions

**Lower temperature limit for application and drying:** +5 °C for circulating air and substrate.

Drying/Drying Time

Surface dry and recoatable after 4-6 hours at +20 °C and 65 % relative humidity. Completely dry and loadable after approx. 3 days.  
These times are longer at lower temperatures and higher humidity.

Note

Coat wet-on-wet in one go to avoid **build-up**. For **airless spraying**, stir the paint well and sieve. When using Caparol-Tiefgrund TB indoors, a typical solvent odour may occur. Therefore ensure good ventilation. For surfaces with unfavourable lighting conditions (**grazing light**), we recommend using the product CapaSilan. With **dark colours**, mechanical stress (scratching) can lead to light streaks. We recommend an additional colour-matching protective coating with PremiumColor for mechanically stressed surfaces with intensive colour tones. Please refer to the PremiumColor technical information. Markings from touch-ups on the surface depend on many factors and are therefore unavoidable (BFS Merkblatt 25).

## Advice

Special Risks (Hazard Note) / Safety Advice (Status as at Date of Publication)

If medical advice is required, have packaging or labelling ready. Keep out of the reach of children. Caution! Spraying may produce hazardous respirable droplets. Do not inhale aerosol or mist. When spraying, use a face mask with particle filter P2 against spray mist.

Disposal

Dispose of liquid material residues at the collection point for old paints/varnishes, dispose of dried material residues as construction and demolition waste or as municipal waste or domestic waste.

EU limit value for the VOC content

of this product (Cat. A/a): 30 g/l (2010). This product contains < 1 g/l VOC.

Giscode

BSW10

Substances of Content - Declaration

Polyacrylate resin, alkali water glass, silicates, titanium dioxide, calcium carbonate, water, additives.

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## Technical Information No. 335 · Issue: October 2024

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.335 · CapaMaXX Pro · Issued: March 2024