

# CapaMaXX E.L.F.

High-quality interior latex paint with maXXime benefits.



## Product Description

Field of Application

High quality latex paint for interior use. Due to its composition, it provides a superior ecological quality (E.L.F.), great washability, high coverage power and excellent durability. Suitable for any interior building surface in a uniform matte finish.

Properties

- Completely odorless
- E.L.F. - Emission minimised, solvent and plasticizers free.
- Easy to apply and highly efficient
- High coverage power
- Uniform matte finish
- Diffusion-capable
- sd-value < 0.1 m

Material Base / Vehicle

Synthetic resin dispersion/emulsion according to standard DIN EN 13 300

Packaging/Package Size

- **White/Base 1:** 0,7l, 2,5l, 10l
- **Base 2:** 0,69l, 2,45l, 9,8l
- **Base 3:** 0,66l, 2,35l, 9,4l

Colours

White

CapaMaXX E.L.F. White/B1 can be tinted with AmphiColor®, CaparolColor or Color Essenz colourants. If more than one bucket is manually tinted, all product must be thoroughly mixed before use in order to avoid colour differences.

CapaMaXX E.L.F. is tintable to all current colour collections via the ColorExpress tinting & mixing machine system. Check tinted paint before applying to avoid colour differences. Always use tinted product of same batch, when applying on seamless surfaces.

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

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:**

Due to tinting, deviations in the technical characteristics are possible.

- Wet abrasion: Wet scrub resistance Class 1
- Contrast ratio: Opacity/hiding power Class 2 (white)
- Maximum particle (grit) size: Fine (< 100 µm)
- Density: 1,39 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 |
|--|------------|------------|------------|------------|
| +  | +          | -          | -          | -          |
| (-) inapplicable / (o) 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. Follow VOB, part C, DIN 18363, section 3.   |
| Substrate Preparation | <p><b>Renders/Plasters in Mortar Groups/Classes PII (Lime-Cement Mortars) and PIII (Cement Mortars) / Minimum Compressive Strength according to DIN EN 998-1:2 N/mm<sup>2</sup>:</b> Solid renders/plasters with normal absorbency require no preliminary treatment. Prime highly porous, sanding or absorbent renders/plasters with CapaSol RapidGrund or CapaSol Konzentrat.</p> <p><b>Gypsum Mortar and Ready-Mixed Gypsum Plasters of Mortar Group/Class PIV / Minimum Compressive Strength according to DIN EN 13279: 2 N/mm<sup>2</sup>:</b> Apply one priming coat of HaftGrund EG. Sand sintered surfaces, remove sanding dust and apply one priming coat of Dupa-Putzfestiger.</p> <p><b>Gypsum building boards / Wallboards:</b> Prime absorbent boards with CapaSol RapidGrund or CapaSol Konzentrat Prime highly compacted, smooth/even boards with HaftGrund EG to improve bonding.</p> <p><b>Gypsum plasterboards (Sandwich-Type plaster boards / Drywalls):</b> Sand off any burrs. Soft gypsum areas (repair patches) must be primed and strengthened with Dupa-Putzfestiger. Apply one priming coat of HaftGrund EG, CapaSol RapidGrund or CapaSol Konzentrat. Boards containing water-soluble substances that leave marks must be primed with Caparol AquaSperrgrund. Follow BFS Data Sheet No. 12.</p> <p><b>Autoclaved Aerated Concrete (AAC) / Cellular Concrete:</b> Prime with a 1:3 mixture of CapaPlex and tap (potable) water.</p> <p><b>Fair-Faced Brick and Sand-Lime Brick Masonry:</b> No preliminary treatment required.</p> <p><b>Sound/Stable Existing Coatings:</b> Treat matt, slightly absorbent coatings without a preliminary preparation. Roughen/sand glossy surfaces and enamel coatings. Apply one priming coat of HaftGrund EG.</p> <p><b>Unstable Existing Coatings:</b> Remove unstable enamels and emulsion/dispersion/latex paints or synthetic resin-bound (organic) renders/plasters. Prime slightly absorbent, even surfaces with HaftGrund EG. Prime highly porous, sanding or absorbent substrates with CapaSol RapidGrund. Remove unstable coats of mineral paint by mechanical means and remove all dust. Prime with Dupa-Putzfestiger.</p> <p><b>Coats of Glue-Bound Distemper (Limewater Colour/Paint):</b> Wash off the existing distemper very thoroughly, allow to fully dry and prime with Dupa-Putzfestiger.</p> <p><b>Unpainted Woodchip/Ingrain, Textured or Embossed Wallpapers (made of Paper):</b> Coat without any preliminary treatment.</p> <p><b>Non-Adherent Wallpapers:</b> Remove completely and wash off all residues of wallpaper paste/glue and waste paper. Prime the substrate with Dupa-Putzfestiger.</p> <p><b>Mildewed Surfaces:</b> Remove fungal attack (fungi/mildew/mould) 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 badly infested surfaces in compliance with legal and official regulations (follow e.g. Ordinance on Biological Agents and Ordinance on Hazardous Substances).</p> <p><b>Surfaces Stained by Nicotine, Water, Soot or Fat/Grease:</b> Remove nicotine, soot or fat/grease stains by washing with tap water adding a fat-dissolving household detergent, then allow the substrate to dry thoroughly. Clean dried-up water stains by dry brushing. Apply an insulating coat of Caparol AquaSperrgrund. Apply one finishing coat of Aqua-inn N° 1 on highly soiled surfaces.</p> <p><b>Wood and Derived Timber Products:</b> Coat with water-dilutable, ecologically compatible Capacryl acrylic enamels or Capacryl PU enamels.</p> <p><b>Small Defects:</b> After having completed the necessary preparations, repair small defects with Caparol-Akkordspachtel in accordance with our application instructions and if necessary, prime subsequently</p> <p><b>Note for Q2/Q3 filling / thin gypsum layers &lt;0.5mm:</b> When using gypsum-based, hydraulically setting leveling compounds of quality level Q2/Q3, a transparent, water-based primer is recommended. For this we refer to the painter &amp; varnishing leaflet No. 2 -9/2020 "Adhesion disorders of coatings on plastered plasterboard" of the Federal Association for Color, Design, Building Protection and the Federal Committee for Color and Property Protection. As an alternative to the gypsum-based Q3 filler, fillings with paste-like fillers have proven effective.</p> |
| Method of Application | Apply with paint brush, roller or spray with airless equipment.  |

## Airless application:

|                               |                   |
|-------------------------------|-------------------|
| Thinning                      | max 5% with water |
| Airless devices               |                   |
| Spray gun pressure            | 150 - 180 bar     |
| Spray angle                   | 40 - 50°          |
| Nozzle size in inches         | 0.019" – 0.021"   |
| Gun plug-in filter in MW      | approx. 0,31 mm   |
| Internally fed roller systems |                   |
| Pressure                      | 80 - 120 bar      |
| Gun plug-in filter in MW      | approx. 0,31 mm   |

Clean tools/equipment with water immediately after use. Observe wastewater regulations.

Surface Coating System

**Primer / intermediate layer:** CapaMaXX E.L.F. diluted with max. 10% water.

**Final layer:** CapaMaXX E.L.F. diluted with max. 5% water.

Consumption

Approx. 100 ml/m<sup>2</sup> per coat on smooth substrates. On roughly textured surfaces correspondingly more. The exact consumption is best established by a trial coating (test area) on site.

Application Conditions

**Low 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 cured and ready for stress after approx. 3 days. Lower temperatures and higher relative humidity extend the drying time.

Note

To avoid lapping, the product should be applied wet-on-wet and without interruption. With airless spray application, stir well and sieve the paint. Mechanical stress (scratching) on surfaces in dark shades may produce noticeable bright-toned stripes. For intensively coloured coatings on surfaces subjected to mechanical loads, we recommend the application of an additional protective coat of PremiumColor, tinted to match the CapaMaXX E.L.F. coat in shade. Follow Technical Information PremiumColor.

Use our product CapaSilan for areas with unfavourable lighting conditions (sided/grazing light). Touching up surfaces is depending on many parameters and noticeable marks of repaired areas cannot be avoided. (See BFS Data Sheet No. 25)

## Advice

Hazard warnings /  
Precautionary statements  
(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.

Disposal

Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local, regional, national and international authorities.

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.

Giscode

BSW20

Substances of Content – Declaration

Polyvinylacetate resin, polyacrylic resin, titanium dioxide, calcium carbonate, silicates, mineral pigments / fillers, water, additives, preservative.

Technical Assistance

All substrates that occur in practice and their technical processing cannot be dealt within this publication. If substrates are to be processed that are not listed in this technical information, it is necessary to consult with us or our sales representatives. We are happy to advise you in detail and on a building-related basis.

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## Technical Information No. R23G - Issue: May 2022

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/appliator 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.