

Capadecor® Metalloacryl Interior

Glossy emulsion paint with metallic effect.
For interior use.



Product Description

Field of Application

Capadecor Metalloacryl Interior is a glossy emulsion paint with special metallic pigments for use on interior wall surfaces. Particularly suitable for application on representative wall surfaces, e.g. shopping centres, office buildings, banks, insurance companies, railway stations, discotheques, etc.

Material Properties

- Emission-minimised, solvent-free.
- Meets the requirements of AgBB (Commission for the sanitary evaluation of building material).
- Pronounced (strong) metallic effect.
- Wet scrub resistance class 1 according to DIN EN 13300.
- Fire protection classification according to German standard DIN 4102: A2 "nicht brennbar" (non-combustible).
- Resistant to aqueous disinfectants.

Material Base / Vehicle

Synthetic resin dispersion/emulsion according to German standard DIN 55945.

Packaging/Package Size

2.5 litres, 5 litres and 10 litres

Colours

Metallic silver (approx. RAL 9006). Standard colour is comparable with Venato 45 MET. Capadecor Metalloacryl Interior can be tinted via the ColorExpress tinting & mixing machine system in numerous colour shades: Metallic effect tints according to RAL, colours of the Caparol 3D System plus, existing Alucryl colours.

Other hues than standard colours of Capadecor Metalloacryl Interior must be tinted via the ColorExpress system according to colour collection/scheme "CD-Metalloacryl" in order to avoid hue errors (colour deviation). The same also applies to an intermediate coat of Amphibolin, tinted in a colour shade as scheduled.

Colour Schemes for Capadecor Metalloacryl Interior: Typical for the product

Silver nuances Venato 10 MET Venato 20 MET Venato 30 MET Venato 45 MET	Bronze nuances Palazzo 155 MET Palazzo 160 MET Curcuma 10 MET Mai 50 MET	Copper nuances Rubin 25 MET Papaya 65 MET Amber 70 MET Marill 50 MET
Gold nuances Palazzo 245 MET Palazzo 215 MET Curcuma 45 MET Melisse 35 MET	Iron nuances Palazzo 125 MET Marill 10 MET Citrus 15 MET Palazzo 5 MET	



Colours in the Style of Caparol 3D System plus:

Amber 10 MET	Curry 95 MET	Oase 5 MET	Rose 105 MET
Amber 45 MET	Grenadin 95 MET	Oase 70 MET	Rose 75 MET
Amber 95 MET	Jade 70 MET	Pacific 130 MET	Rose 95 MET
Aprico 95 MET	Lago 45 MET	Pacific 155 MET	Rubin 5 MET
Arctis 100 MET	Lago 50 MET	Pacific 40 MET	Saphir 5 MET
Arctis 65 MET	Laser 10 MET	Papaya 35 MET	Siena 40 MET
Arctis 70 MET	Lavendel 165 MET	Papaya 40 MET	Tundra 40 MET
Baccara 10 MET	Magma 35 MET	Papaya 45 MET	Tundra 80 MET
Baccara 5 MET	Magma 40 MET	Papaya 70 MET	Tundra 95 MET
Barolo 95 MET	Magma 50 MET	Papaya 95 MET	Tundra 105 MET
Bordeaux 35 MET	Magma 70 MET	Patina 45 MET	Verona 130 MET
Cameo 155 MET	Magma 75 MET	Patina 50 MET	Verona 45 MET
Citrus 10 MET	Mai 70 MET	Pinie 15 MET	Verona 80 MET
Citrus 20 MET	Malachit 40 MET	Pink 25 MET	Viola 80 MET
Curry 35 MET	Melisse 70 MET	Pink 30 MET	Viola 110 MET

The colours of Capadecor Metalloacryl Interior have been formulated in the style of Caparol 3D System plus, but may vary slightly as compared with original colours, due to their metallic character. Therefore a binding conformity cannot be guaranteed.

The metallic effect of colour shades is highly influenced by the perspective of viewers and by the type of illuminant, intensity and angle of entry. Therefore a trial application (coating a test area) on site is advisable.

In addition to the scheme diverse standard metallic effect colours are available, e.g. RAL and existing Alucryl nuances.

Gloss Level

Gloss (according to classification DIN EN 13300)

Storage

Keep in a cool, but frost-free place.

Technical Data

■ Density: Approx. 1.0 g/cm³

Supplementary Product

Amphibolin

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. Follow VOB, part C, DIN 18363, section 3.

Substrate Preparation

The way of substrate preparation depends on present substrates and their condition. Follow Technical Information Amphibolin for covering surfaces with Metalloacryl Interior.

Method of Application

The product should be stirred thoroughly before and during application at regular intervals.

Apply with paint brush or roller. Areas of trimming should be rolled again. For roller application a medium pile roller should be used (pile height 12-16 mm), that prevents accumulation of paint on the margins.

In order to ensure a uniform orientation of effect pigmentation (aluminium mica), apply the product evenly, spread crosswise and then roll in one direction.

On even (smooth/untextured) surfaces a uniform metallic effect coating of Metalloacryl Interior cannot be effected without leaving noticeable brush or roller marks.

Highly appealing surfaces are achievable on smooth/even substrates, when Capadecor Metalloacryl Interior is evenly roller applied and then directly treated (crosswise) with an oval brush or using the special ArteTwin trowel.

Spray application may lead to a clouding effect (blushing) and uneven gloss level due to spray mist, and is therefore not suggested.

Capadecor Metalloacryl Interior can be used on textured surfaces with a grain size of approx. 2 mm or more, without further treatment via brush or trowel.

Smooth/even, fine-textured substrates and surfaces with adverse lighting conditions (grazing light) cannot be coated without leaving noticeable roller marks or a slightly "cloudy" appearance (blushing).

Additional appealing effects are achievable, when Capadecor Metalloacryl Interior is used as intermediate coat before applying Capadecor ArteLasur or ArteLasur Color.

Surface Coating System

Intermediate Coat:

Capadecor Metalloacryl Interior contains special effect pigments. Alkaline and acidal influences may cause discolouration, particularly in combination with high exposure to moisture. Therefore the application of an additional sealing coat of Disbon 481 EP-Uniprimer on alkaline, nonabsorbent substrates is essential (Follow Technical Information No. 481).

Apply one hiding intermediate coat of Amphibolin, tinted in a shade of Caparol 3D System plus, closely matched to the colour of the subsequent coat of Capadecor Metalloacryl Interior (Follow Technical Information No. 100 / Amphibolin).

Do not use other products for intermediate coats.

Finishing Coats:

Apply two undiluted (or diluted max. 5 %) finishing coats of Capadecor Metalloacryl Interior.

Semi-Transparent/Translucent Coat on Capadecor Fantastic Fleece:

Only the quartz textured pattern "Lino" and "Tira" can be coated. Apply one even coat of Capadecor Metalloacryl Interior, diluted to a max. of 10 % with tap (potable) water.

Covering Coat on Capaver ElementEffects:

The intermediate coat of Amphibolin may be omitted, when using the new quality (2013) of Metalloacryl Interior on Capaver ElementEffects.

Some critical colour shades (with a high addition of colourants) may require a third coat of Metalloacryl Interior.

Apply Metalloacryl with short pile roller (liberally) and spread crosswise. Then roll over the surface again, in one direction using the paint roller without product. Trimmings must always be rolled over again. Always apply Metalloacryl wet-on-wet.

Consumption

Approx. 100 ml/m² per coat on textured substrates. On rough-textured surfaces correspondingly more. The exact consumption is best established by a trial coating (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. Lower temperatures and higher relative humidity extend the drying time.

Tool Cleaning

Clean tools immediately after use with water.

Note

Do not apply Capadecor Metalloacryl Interior on horizontal surfaces exposed to water/moisture. Do not mix with other materials to preserve the special properties of this product. To avoid lapping, the product 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.

Advice

German Certificates

- Testing of resistance to disinfectants
- Chamber test according to AgBB schema
- Testing of fire protection classification according to German standard DIN 4102: A2 "nicht brennbar" (non-combustible), when used on solid mineral substrates.
- General appraisal certificate: Fire protection classification according to German standard DIN 4102: B1 "schwer entflammbar" (flame retardant/of low flammability).

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 paint. 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 inhale spray dust. Contains 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one. 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 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/b): max. 100 g/l (2010). This product contains < 1 g/l VOC.

Product Code Paints and Enamels

M-DF01

Substances of Content - Declaration

Polyacrylate resin, pearl gloss pigments (coated aluminium), water, esters, additives, preservatives (methyl-/benzisothiazolinone). German hotline for allergy sufferers with allergic reaction to isothiazolinone: 0180 / 530 89 28 (0.14 €/minute using the German landline, mobile network max. 0.42 €/minute)

TECHNICAL INFORMATION NO. 811

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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.811 · Capadecor®
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