

Capadecor Metallocryl EXTERIOR

Satin-finished dispersion paint with metallic effect. For exterior use.

Product Description

Field of Application:

Capadecor Metallocryl EXTERIOR is a satin-finished dispersion paint with metallic effect for use on exterior substrates.

For high-grade, weatherproof effect coatings on textured facades, where a modern metallic effect is desired.

Do not use on ETICS/EWI Systems.*

Capadecor Metallocryl EXTERIOR should be applied on textured surfaces.

Smooth, fine-textured substrates and surfaces with adverse lighting conditions (side-light) cannot be coated without leaving noticeable traces of roller or "cloudiness".

* External Thermal Insulation Composite Systems

Brit. term: Exterior Wall Insulation Systems

Amer. term: EIFS – External Insulation and Finish System

Properties:

- Water-thinnable.
- Ecologically compatible and low odour.
- Metallic effect.
- Weatherproof.
- Provided with a preservative against deterioration in the coating due to algae and mildew growth (film preservation).
- High protection against rain, corresponds as class "low water permeability" to DIN EN 1062, w-value: approx. $0.01 \text{ [kg/m}^2 \cdot \text{h}^{0.5}]$.
- Good diffusible, corresponds as class "medium water vapour diffusion" to DIN EN 1062 part 2; with an s_d value of approx. 0.5 m.
- For special applications the material may be delivered without film preservation against algae and mildew growth

Vehicle:

Synthetic dispersion to DIN 55 945.

Density:

Approx. 1.15 g/cm³

Gloss Level:

Satin-finished (semi-gloss).

Colour:

Metallic-silver.

Capadecor Metallocryl EXTERIOR can be tinted via ColorExpress tinting machine system in numerous metallic nuances:

- metallic-effect tints to RAL
- tints of the Caparol 3D System plus
- existing Alucryl tints

See the scheme and our product brochure. Quantities of 100 lit. or more of individual shades may be ordered ready tinted from the factory.



Please Note (Status of June 2007):

Keep out of reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of water. If swallowed, seek medical advice immediately and show the container or label, (Technical Information, Safety Data Sheets. (Intestinal flora may be infested). Only suitable for brush- or roller-application. Do not empty into drains, water courses or soil.

Further information: See Safety Data Sheets, available on request for professional users.

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 wastage 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 & Enamels:

M-DF02F

Substances of Content - Declaration:

Polyacrylate resin, pearlescent pigments (iridines), water, glycol ether, additives, preservatives.

Packaging:

5 lit. and 10 lit.



Application

System of Application:

Apply a covering intermediate coat with Amphibolin, balanced in the tint of Caparol 3D System plus to match the following coat of Capadecor Metallocryl EXTERIOR in shade. Follow Technical Information Amphibolin.

Do not use matt paints for intermediate coatings.

Apply two undiluted finishing coats of Capadecor Metallocryl EXTERIOR.

Method of Application:

The material should be stirred thoroughly before use and during application in regular intervals.

Apply with brush or paint roller.

Areas of trimming should be rolled again. For roller application a medium-fibre roller should be used (fibre-size 12-16 mm), that prevents accumulation of paint on the margins, e.g.:

- ROTANYL 17 for medium to rough structured surfaces.
- ROTANYL 13 for slightly structured surfaces.

In order to assure the uniform orientation of the iridone pigments, Capadecor Metallocryl EXTERIOR should be applied uniformly, spread crossways and then rolled in one direction.

On smooth surfaces a highly attractive effect can be achieved, when Capadecor Metallocryl EXTERIOR is treated – immediately after having finished the roller application – crosswise with an oval brush.

Tool Cleaning:

Clean tools immediately after use with water.

Consumption:

Approx. 100 ml/m² per coat on slightly textured substrates. On rough-textured surfaces correspondingly more. The exact rate of consumption is best established by a trial application.

Minimum Temperature 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 approx. 4 – 6 hours. Lower temperatures and higher relative humidity will lengthen the drying process.

Please Note:

Capadecor Metallocryl EXTERIOR is unsuitable for application on horizontal surfaces exposed to water/moisture.

To preserve the special properties of this product, do not mix with other materials. Observe the recommendations of VOB, part C, DIN 18 363, paragraph 3.1.10 for application on exterior substrates.

Avoid application on sun heated substrates, during strong wind, fog or rain, high relative humidity or imminent rain and frost.

To avoid lapping, apply the material wet-on-wet without interruption.

Capadecor Metallocryl EXTERIOR contains special algicidal and fungicidal agents to counteract the forming of organic growth (fungi & algae) on the coating.

The depot of agents offers a prolonged protection, but the algicidal & fungicidal effect is limited by the special facade conditions, e.g. intensity of organic growth and moisture. A durable protection cannot be guaranteed.

Shine and metallic effect influence the structure of substrate. Darker and more strong colours due to higher pigment share can lead to noticeable traces.

Suitable Substrates and their Preparation

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

Follow VOB, Part C, DIN 18 363, Para. 3.

The way of substrate preparation depends on present substrates and their condition.

Our Technical Information Amphibolin should be observed.

Do not use on ETICS/EWI systems, sand-lime bricks, new plasto-elastic (resilient) coatings and wood.

For metal facades the use of Capalac Disbicolor 493 is recommended.


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 Center:

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e-mail: kundenservicecenter@caparol.de

International Distribution:

Please see www.caparol.com

Scheme of tints for Capadecor Metallocryl EXTERIOR:

Silver nuances

Venato 10 MET
Venato 20 MET
Venato 30 MET
Venato 45 MET

Gold nuances

Palazzo 245 MET
Palazzo 215 MET
Curcuma 45 MET
Melissa 35 MET

Bronze nuances

Palazzo 155 MET
Palazzo 160 MET
Curcuma 10 MET
May 50 MET

Tints in the style of Caparol 3D System plus

Amber 10 MET
Amber 45 MET
Amber 95 MET
Aprico 95 MET
Arctis 100 MET
Arctis 65 MET
Arctis 70 MET
Baccara 10 MET
Baccara 5 MET
Barolo 95 MET
Bordeaux 35 MET
Cameo 155 MET
Citrus 10 MET
Citrus 20 MET
Curry 35 MET
Curry 95 MET
Grenadin 95 MET
Jade 70 MET
Lago 45 MET
Lago 50 MET
Laser 10 MET
Lavender 165 MET
Magma 35 MET
Magma 40 MET
Magma 50 MET
Magma 70 MET
Magma 75 MET
May 70 MET
Malachit 40 MET

Iron nuances

Palazzo 125 MET
Marill 10 MET
Citrus 15 MET
Palazzo 5 MET

Copper nuances

Rubin 25 MET
Papaya 65 MET
Amber 70 MET
Marill 50 MET

Melissa 70 MET
Oase 5 MET
Oase 70 MET
Pacific 130 MET
Pacific 155 MET
Pacific 40 MET
Papaya 35 MET
Papaya 40 MET
Papaya 45 MET
Papaya 70 MET
Papaya 95 MET
Patina 45 MET
Patina 50 MET
Pinie 15 MET
Pink 25 MET
Pink 30 MET
Rose 105 MET
Rose 75 MET
Rose 95 MET
Rubin 5 MET
Saphir 5 MET
Siena 40 MET
Tundra 40 MET
Tundra 80 MET
Tundra 95 MET
Tundra 105 MET
Verona 130 MET
Verona 45 MET
Verona 80 MET
Viola 80 MET
Viola 110 MET

The tints of Capadecor Metallocryl EXTERIOR have been formulated in the style of the Caparol 3D System plus and may vary slightly due to their metallic character.

The metallic effect of shades is highly influenced by the perspective of viewers and by the kind, intensity and incidence of light. Therefore a test application on site is recommended.

In addition to the scheme diverse standard metallic-effect tints are available – e.g. RAL and existing Alucryl nuances.

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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 Technical Information is a translation of the German Technical Information No. 812 Capadecor Metallocryl EXTERIOR, release date: December 2006

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