

# Capalac Disbocolor 493

Brilliant-coloured protective coating, particularly suitable for metal facades.

## Product Description

### Field of Application

Surface protection for facades and facade components made of galvanised sheet steel, Coil Coating metal sheets, aluminium sheets (but not anodised), sheet copper and rigid/unplasticized PVC. For creating coloured concrete and cement plasterwork.

### Material Properties

- High brilliance of colour.
- High resistance to ultraviolet rays, weather-resistant.
- Cleanable enamel surface.
- Resistant to mineral oils, fats/greases, waxes, cleaning agents and aqueous salt solutions.
- Fast-drying and quickly rain resistant.
- Reversible.

### Material Base / Vehicle

Methacrylic resin, solvent-based.

### Packaging/Package Size

8 litres

### Colours

- **Standard:**  
White
- **Ready tinted ex factory:**  
A wide range of special tints are made available on request.

### Colour Resistance according to BFS Data Sheet No. 26:

Binder: Class A

Pigmentation: Group 1 to 3, depending on the colour.

### Gloss Level

Silk-matt/semi-gloss (mid sheen; velvet or eggshell-like finish)

### Storage

Keep in a cool, but frost-free place. Keep packaging tightly closed.

### Technical Data

- Density: Approx. 1.2 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 / (○) of limited suitability / (+) suitable				



## Application

Suitable Substrates	<p>Facade components made of coil coated metal sheets, galvanised sheet steel, zinc plates/sheets, aluminium sheets (Note: Do not apply on anodised aluminium), sheet copper, and rigid PVC, concrete and cement render/plaster. Due to rapid surface drying of Capalac Disbocolor 493 blistering/bubble formation may be caused through pores beneath the surface of concrete and cement render/plaster. This is physically unavoidable but does not affect the functionality of the coating.</p> <p>Do not use Capalac Disbocolor for roofing. The substrate must be dry, sound/stable, solid, and free from all substances that may prevent good adhesion.</p>
Substrate Preparation	<p>Sand and clean the primered surface.</p> <p><b>Existing Coatings (e.g. Coil Coating):</b> Check for soundness and compatibility with Capalac Disbocolor 493. Clean stable substrates, e.g. with a high-pressure water-jet, removing all chalking substances. Remove unstable coatings by suitable means.</p>
Method of Application	<p>Capalac Disbocolor 493 is applied with a short pile roller for enamel coatings. The material is ready-for-use, but should be stirred well before applying.</p> <p><b>The product cannot be applied via Spray Application!</b></p>

### Surface Coating System

Substrate	Use	Substrate Preparation	Priming	Intermediate Coat	Finishing Coat
Coil coated metal sheets for facades	exterior	cleaning	Capalac 2K-EP-Haftgrund <sup>1)</sup> or Capacryl Haftprimer <sup>1)</sup>	Capalac Disbocolor 493 <sup>2)</sup>	Capalac Disbocolor 493
Galvanised sheet steel, zinc plates	exterior	BFS Data Sheet No. 5	Capacryl Haftprimer	Capalac Disbocolor 493 <sup>2)</sup>	
Aluminium sheets, sheet copper	exterior	BFS Data Sheet No. 6	Capacryl Haftprimer	Capalac Disbocolor 493 <sup>2)</sup>	
Rigid/Unplasticized PVC	exterior	BFS Data Sheet No. 22	Capacryl Haftprimer	Capalac Disbocolor 493 <sup>2)</sup>	
Concrete, cement rendering/plasterwork	exterior	cleaning	Dupa-grund	Capalac Disbocolor 493 <sup>2)</sup>	

<sup>1)</sup> Pretreat damaged spots of existing paint coatings according to the respective substrate.

<sup>2)</sup> An additional intermediate coat may be required for dark or deviant coloured substrates and colour shades of low opacity, e.g. yellow, red or orange.

Note: On powder coatings, coil-coated layers and other critical substrates, adhesion must be tested in advance by establishing a trial coating area. An additional intermediate coat may be required for dark or deviant coloured substrates and colour shades of low opacity, e.g. yellow, red or orange.

Consumption	Approx. 135 – 180 ml/m <sup>2</sup> per coat. These reference values for consumption vary depending on the nature and condition of the substrate. Determine the exact amount of material required by coating a test area on site.											
Application Conditions	<b>Do not apply more than 200 ml/m<sup>2</sup> per coat!</b>											
	<b>Lower Temperature Limit for Application and Drying:</b> Min. 5 ° C for product, substrate and ambient air. In Germany: Follow VOB Part C (DIN 18 363, section 3.1.10). The product should not be applied for e.g. in direct sunlight or on sun heated substrates, during strong wind, fog or rain, high relative humidity or imminent rain, etc..											
Drying/Drying Time	<table><tr><td>At 20 ° C and 65 % relative humidity</td><td>dust dry</td><td>rainproof</td><td>recoatable</td></tr><tr><td>after hours</td><td>1 hour</td><td>2 hours</td><td>12 hours</td></tr></table>				At 20 ° C and 65 % relative humidity	dust dry	rainproof	recoatable	after hours	1 hour	2 hours	12 hours
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after hours	1 hour	2 hours	12 hours									
Tool Cleaning	Clean immediately after use with thinner Disbocolor 499.											

**Advice**

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

Flammable liquid and vapour. May cause respiratory irritation. May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects. Repeated exposure may cause skin dryness or cracking. Keep out of reach of children. Keep away from open flames/hot surfaces. - No smoking. Do not breathe vapours/ spray. Do not get in eyes, on skin, or on clothing. Use only outdoors or in a well-ventilated area. Avoid release to the environment. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
Contains: Bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate, Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate. 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 authorities. Particular attention should be made to removing wastage from site in compliance with standard construction site procedures.  
In Germany: Only completely empty containers should be handed in 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/i): 500 g/l (2010). This product contains max. 500 g/l VOC.

Giscode

BSL50 (Germany)

Product Code Paints and Enamels

outdated: M-PL04

Further Details

See Material Safety Data Sheet (MSDS).

Customer Service Centre

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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.008 · Capalac Disbocolor 493 · Issued: October 2021