

Capalac Disbocolor 781, Disboklar 782, Metallgrund 783

Fast-drying, solvent-based corrosion-inhibiting primer for iron & steel (783), clear coat (782) and coloured acrylic spray lacquer (781), for nearly all interior & exterior substrates.

Product Description

Field of Application	Spray enamel (aerosol/spray paint) for shortwork painting on smaller surfaces of wood, derived timber products, iron, steel, zinc (galvanised surfaces), aluminium, copper, rigid (unplasticised) PVC, and sound/stable existing interior and exterior coatings. Capalac Disboklar 782: Transparent clear coat on numerous substrates and for protective sealing. Capalac Metallgrund 783: Corrosion-inhibiting primer on iron and steel, particularly suitable for angled and hardly approachable component parts. To be used before applying Capalac Disbocolor 781.
Material Properties	<ul style="list-style-type: none"> ■ Excellent adhesion. ■ Protects against corrosion (Capalac Metallgrund 783). ■ High colour stability (Capalac Disbocolor 781). ■ High stability of gloss. ■ Fast-drying. ■ Easy to clean. ■ CFC-free.
Material Base / Vehicle	Methacrylate, solvent-based.
Packaging/Package Size	400 ml spray/aerosol cans
Colours	<ul style="list-style-type: none"> ■ Capalac Disbocolor 781 Gloss: Zinc Yellow RAL 1018, Fire Red RAL 3000, Gentian Blue RAL 5010, Pebble Grey RAL 7032, Light Grey RAL 7035, Black RAL 9005, White approx. RAL 9010 ■ Capalac Disbocolor 781 Silk-matt: ■ Zinc Yellow RAL 1018, Fire Red RAL 3000, Gentian Blue RAL 5010, Leaf Green RAL 6002, Anthracite Grey RAL 7016, Pebble Grey RAL 7032, Light Grey RAL 7035, Nut Brown RAL 8011, Black RAL 9005, Silver approx. RAL 9006, White approx. RAL 9010, Gold, Rallye Black ■ Capalac Disboklar 782: Transparent ■ Capalac Metallgrund 783: Red Brown <p>Colour Stability as per German BFS-Merkblatt (Data/Fact) Sheet No. 26: Binding agent/Vehicle: Class A Pigmentation: Group 1 to 3, depending on the colour.</p>
Gloss Level	<ul style="list-style-type: none"> ■ Capalac Disbocolor 781 / Capalac Disboklar 782: Gloss and silk-matt (mid-sheen) as per DIN EN 13 300 ■ Capalac Metallgrund 783: Matt as per DIN EN 13 300
Storage	Keep in a cool place, always with attached protective cap.



TECHNICAL INFORMATION NO. 781

Technical Data

■ Density: Approx. 0.7 g/cm³

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

Wood, derived timber products, iron, steel, zinc (galvanised surfaces), aluminium, copper, rigid/unplasticised PVC, mineral substrates as e.g. render, concrete, fibre-cement and stable existing coatings. Do not apply on anodised aluminium. The substrate must be clean, solid, sound/stable, dry and free from all substances that may prevent good adhesion. Wood moisture content (WMC) must not exceed 12 % for softwood and 15 % for hardwood, on an average.

Substrate Preparation

Wooden Parts

Sand the surface in fibre direction, clean thoroughly, remove seeping wood contents, e.g. wood resin/rosin and resin galls, cut sharp edges. Germany: See BFS-Merkblatt (Data/Fact) Sheet No. 18.

Iron, Steel

Clean surfaces thoroughly. In particular remove all residues of oil and fat/grease using e.g. cellulose/nitro-thinner. Remove rust and scales by suitable means according to industry standard (metallic bright), e.g. by sanding/grinding or blasting. Then apply the rust-inhibiting primer (783) without delay onto the dry substrate.

Zinc (Galvanised Steel), Unplasticised/Rigid PVC

Wash with light ammonia solution using sanding pad as per BFS-Merkblatt (Data/Fact Sheet) Nos. 5 and 22.

Aluminium, Copper:

Clean with Gescha Multi-Star or destined detergent using sanding pad as per BFS-Merkblatt (Data/Fact Sheet) No. 6.

Existing Coats of Paint:

Roughen/sand the surface of existing coats slightly and/or treat with alkali. Remove unstable coats. Always check for soundness and compatibility.

Method of Application

Application:

Shake the spray/aerosol can well before use (at least for 1 minute). The inside metal ball must be audible. For spraying observe a distance of 20 cm - 30 cm to the substrate. Spray evenly thin cross coats on the surface. Angled/tricky surfaces: First of all spray a fine mist coat, then allow to dry for approx. 5 minutes and complete the spraying operation.

TECHNICAL INFORMATION NO. 781

Surface Coating System

Surface Coating System (Coloured Enamels)						
Substrate	Use	Substrate Preparation	Impregnation	Priming Coat	Intermediate Coat	Finishing Coat
Wood, derived materials	interior	sanding/ cleaning	–	Capalac Disbocolor 781	–	Capalac White or Coloured Enamels
Wood	exterior	BFS Data Sheet No. 18	Capalac Holz- Imprägniergrund	Capalac Disbocolor 781	Capalac Disbocolor 781*	
Iron, steel	interior	derusting/ cleaning	–	Capalac Metallgrund 783	–	
	exterior	derusting/ cleaning	–	2x Capalac Disbocolor 783	Capalac Disbocolor 781	
Zinc (galvanised substrates)	interior/ exterior	BFS Data Sheet No. 5	–	Capalac Metallgrund 783	–	
Aluminium/ copper	interior/ exterior	BFS Data Sheet No. 6	–	Capalac Disbocolor 781	–	
Rigid PVC	interior/ exterior	BFS Data Sheet No. 22	–	Capalac Disbocolor 781	–	
Mineral substrates, e.g. concrete, render, fibre-cement, etc.	interior/ exterior	cleaning	–	Caparol Dupa-grund	Capalac Disbocolor 781	
Sound existing coats of paint	interior/ exterior	slightly sanding / leaching	Prepare and prime defects according to the substrate		if necessary: Capalac Disbocolor 781	

* Apply two intermediate coats on dimensionally stable wood component parts, as per BFS-Merkblatt (Data/Fact) Sheet No. 18.

Note: Adhesion must be tested in advance for powder coatings, coil coatings and other critical/problematic substrates by coating test areas on site. Always check substrates and coatings for compatibility.

Surface Coating System (Clear Coat):

Exterior: 2-3 coats of Capalac Disboclar 782 (no wood protection and protection against UV rays)

Interior: 1-2 coats of Capalac Disboclar 782

Sealing: On existing enamel coatings 1-2 coats of Capalac Disboclar 782 (for interior and exterior use). Always check existing coatings/substrates for compatibility.

Consumption

Guide value: Approx. 1.2 m² per spray/aerosol can.

Consumption may vary significantly, depending on substrate and component conditions.

Application Conditions

Temperature for Ambient Air and Substrate:

Min. +5 °C.

Material temperature: +18 °C to +22 °C.

Relative humidity must not exceed 80 %.

Drying/Drying Time

At 20 °C and 65 % relative humidity.	dust dry	rainproof	recoatable
after time	20 minutes	40 minutes	6 hours

Lower temperatures and a higher relative humidity extend the drying time.

Tool Cleaning

Upright the can's base vertically after use and press on the valve shortly until no material escapes. Lift-off blocked sprayheads and clean with a needle. Attach the protective cap again.

Advice

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

Extremely flammable aerosol. Pressurised container: May burst if heated. Causes serious eye irritation. May cause drowsiness or dizziness. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Do not breathe vapours/ spray. Use only outdoors or in a well-ventilated area. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Repeated exposure may cause skin dryness or cracking. Contains: acetone, n-butyl acetate, 2-methoxy-1-methylethyl acetate.

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.
Germany: Dispose spray/aerosol cans with residues of product via waste collection point accepting old paints and enamels.

EU limit value for the VOC content

As spray enamels are not subject to the VOC guideline, no VOC indication required.

Giscode

BSL30

Further Details

See Material Safety Data Sheets (MSDS).

Customer Service Centre

Tel.: +49 6154 71-71710
Fax: +49 6154 71-71711
e-mail: kundenservicecenter@caparol.de

International Distribution: Please see www.caparol.com

Technical Information No. 781 · Issue: May 2019

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.781 · Capalac Disbocolor 781, Disboklar 782, Metallgrund 783 · Issued: April 2021