

Capalac Rostschutzgrund

Rust inhibitive primer for iron and steel.



Product Description

Field of Application	Suitable for corrosion inhibiting (anti-rust) priming coats on iron and steel. For exterior and interior use.
Material Properties	<ul style="list-style-type: none"> ■ Unleaded and free of chromates ■ High corrosion protection ■ Active rust-inhibiting pigments ■ Excellent adhesion ■ High opacity (hiding/covering power) ■ Quick-drying ■ Easy to apply
Material Base / Vehicle	Alkyd resin, solvent-based.
Packaging/Package Size	375 ml, 750 ml, 2.5 litres, 10 litres
Colours	Light grey and dark brown.
Gloss Level	Matt (flat)
Storage	Keep in a cool place. Keep cans/containers tightly closed.
Technical Data	■ Density: Approx. 1.5 g/cm ³

Application

	Stir well before use. Thin with synthetic resin thinner, if necessary. Apply Capalac Rostschutzgrund with brush, roller or spraying equipment.
Suitable Substrates	Iron and steel
Substrate Preparation	Derust iron and steel surfaces according to industry standard (metallic bright). Remove contaminations/soiling, oils, fats/greases and all other materials that may prevent good adhesion.
Method of Application	Guidelines for Spray Application:

	Ø Nozzle	Pressure	Thinning
High pressure	1.5–1.8 mm	2–4 bar	max. 10% by volume
Low pressure	1.5 mm	0.2–0.5 bar	max. 10% by volume
Airless	0.011–0.013 inch	180–200 bar	– (delivered viscosity)



Surface Coating System

Substrate	Use	Substrate Preparation	Priming Coat	Intermediate Coat	Finishing Coat
Iron and steel	interior	derusting/degreasing	1–2x Capalac Rostschutzgrund*	if required Capalac Weiß- or Buntlacke or Vorlack	Capalac Weiß- or Buntlacke / white or pigmented Capalac enamels (coloured paints)
	exterior	derusting/degreasing	2x Capalac Rostschutzgrund	Capalac Weiß- or Buntlacke or Vorlack	

* Apply one or two coats of Capalac Rostschutzgrund, depending on the loads/conditions.

Consumption

Consumption Rate ml/m ²	Brush Application	Roller Application	Spraying		
			High Pressure	Airless	Low Pressure
vertically	90–100	80–100	130	140	130

Application Conditions

Lower Temperature Limit for Application and Drying:
+5 °C for material, substrate and ambient air.

Drying/Drying Time

Drying Times at 20 °C, 65% relative humidity	dust dry	touch dry	recoatable (by brush)	recoatable (spraying)
after hours	2–3	4–5	12	6–8

Lower temperatures, higher humidity and thick film application extend the drying time.

Tool Cleaning

Immediately after use with solvent naphta/white spirit or suitable synthetic resin thinner.

Advice

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

Flammable.
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Repeated exposure may cause skin dryness or cracking. Keep out of the reach of children. Keep container tightly closed and in a well-ventilated place. Keep away from sources of ignition – No smoking. Do not breathe vapour/spray dust. Avoid contact with eyes and skin. Do not empty into drains, water courses or onto the ground. In case of insufficient ventilation, wear suitable respiratory equipment. Use only in well-ventilated areas. If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. Contains cobalt carboxylate, 2-butanonoxime – may produce allergic reactions.

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 clean cans/containers should be given for recycling. Deliver packaging with residues of liquid material to a collecting/collection point for old enamels.

EU limit value for the VOC content

of this product (category A/i): max. 500 g/l (2010). This product contains max. 500 g/l VOC. Unthinned product (delivered viscosity): max. 370 g/l VOC.

Product Code Paints and Enamels

M-GP02

Further Details

See 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. 005 · Capalac Rostschutzgrund · Issued: January 2010