

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**
- Unleaded and free of chromates.
 - High corrosion protection.
 - Active rust-inhibiting pigments.
 - Excellent adhesion.
 - High opacity (hiding/covering power).
 - Fast-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/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

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 product, 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 naphtha/white spirit or suitable synthetic resin thinner.

Advice

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

Flammable liquid and vapour. Harmful 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 vapour/spray dust. 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 butanoxime – 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 Material Safety Data Sheet (MSDS).

Customer Service Centre

Tel.: (+49) 0 61 54 / 71 17 10
Fax: (+49) 0 61 54 / 71 17 11
e-mail: kundenservicecenter@caparol.de

International Distribution: Please see www.caparol.com

Technical Information No. 005 · Issue: December 2014

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: June 2014