

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

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

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	Capalac Rostschutzgrund can be applied with brush, roller or spraying equipment. Stir well before use. Thin with synthetic resin thinner, if necessary.

Guidelines for Spray Application:

	Ø Nozzle	Pressure	Thinning	Material temperature
High pressure	1,5 - 1,8 mm	3–4 bar	max. 10% by volume	-
Low pressure	1,5 - 1,8 mm	0,2–0,5 bar	max. 10% by volume	-
Airless	0,011–0,013 inch	180–230 bar	– (delivered viscosity)	35 °C

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. Relative humidity must not exceed 80 %.

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

Tool Cleaning
 Lower temperatures, higher humidity and thick film application extend the drying time.
 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 liquid and vapour. May cause drowsiness or dizziness. Harmful to aquatic life with long lasting effects. 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 breathe vapours/ spray. Use only outdoors or in a well-ventilated area. Store locked up. Repeated exposure may cause skin dryness or cracking. Contains: naphtha (petroleum), hydrotreated heavy. Use P2 dust filter for grinding. Do not breathe spray dust. Use A2/P2 combination filter for paint spraying.

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

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