

# Capalac Basic Rostschutzlack

Rust protection paint for primer, intermediate and final coatings.



## Product Description

Field of Application	1-pot rust protection coating for the protection and design of building components made from coated and uncoated iron and steel. Not suitable for coating roof surfaces. Do not use white colours on heating systems, since yellowing may occur (use Capalac Heizkörperlack).
Material Properties	<ul style="list-style-type: none"> <li>■ Outstanding adhesion</li> <li>■ High opacity on component surfaces and edges</li> <li>■ Long-lasting protection due to excellent weather resistance</li> <li>■ Primer, intermediate and final coating from one pot (1-pot system)</li> <li>■ Available in a wide range of colours using ColorExpress</li> <li>■ Free from aromatic hydrocarbons</li> </ul>
Material Base / Vehicle	Alkyd resin with solvents free from aromatic hydrocarbons.
Packaging/Package Size	<ul style="list-style-type: none"> <li>■ <b>White:</b> 750 ml, 2,5 l, 10 l</li> <li>■ <b>ColorExpress:</b> 750 ml, 2,5 l, 10 l</li> </ul>
Colours	<p>Standard colour: White</p> <p>Colours: ColorExpress</p> <p><b>Colour resistance according to BFS-Data Sheet No. 26:</b>                      Binder: Class B                      Pigmentation: Group 1 to 3, depending on the colour</p> <p>Note: If necessary, apply a transparent sealing coat of Capalac Kunstharz-Klarlack (clear coat) on intensively or dark tinted Capalac enamel coatings in order to avoid a slightly abrasion of pigments.</p> <p>The typical yellowing of alkyd resins may occur and cannot be objected (caused by low UV radiation and white or bright colours, heat or chemical influences due to e.g. ammonia vapour from cleaning agents, adhesives, paint or sealing compounds).</p>
Gloss Level	Silk matt
Storage	Cool - Keep container tightly sealed.
Technical Data	<ul style="list-style-type: none"> <li>■ Density: approx. 1,3 g/cm<sup>3</sup> depending on colour</li> </ul>



# TECHNICAL INFORMATION NO. 048

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, steel, sound old paintwork\*.  
The substrate must be clean, stable, dry and free from all substances that may prevent good adhesion. Not suitable for coating roof surfaces.

\* Apply a test coating and adhesion test on old paintwork if necessary

Substrate Preparation

### Iron, Steel:

Prepare to purity standard SA 2 ½ (blasting) according to DIN EN ISO 12944-4. With low corrosion loading (e.g. in interiors without condensation and without aggressive influences) thorough derusting by machine or by hand to purity standard ST 3 is also possible.

### Existing Paint Coatings:

Sand the surface and/or treat with alkaline solution. Do not remove sound old paint.

Method of Application

Capalac Basic Rostschutzlack is applied by enamel paint brush, roller or spraying equipment. Stir well before use. Thin with Caparol AF-Verdünner (thinner) if necessary.

Spray application of material in delivered consistency is possible.

Note: On large areas cloudiness is not always avoidable, e.g. by dividing the areas in Work stages.

### Guidelines for spray application:

	Ø Nozzle size	spray pressure	air pressure	Notes	Dilution
Airless	0,009–0,011 inch	180–200 bar	-	Membrane pump and piston pump	Delivery viscosity
Air press.	1,6 - 1,9 mm	-	2,0 - 3,0 bar		Delivery viscosity

Surface Coating System

Substrate	Usage	Substrate preparation	Primer	Intermediate Coat	Final Coat
Iron and steel	interior/ exterior	derusting SA 2 ½	Capalac Basic Rostschutzlack	Capalac Basic Rostschutzlack	Capalac Basic Rostschutzlack
Sound old paintwork	interior/ exterior	sanding/cleaning	Prime damaged areas with Capalac Basic Rostschutzlack	Capalac Basic Rostschutzlack	Capalac Basic Rostschutzlack

Note: Adhesion must always be tested in advance for powder coatings and other critical substrates by trials (coating a test area on site).

Consumption

**140 - 190 g/m<sup>2</sup>**

### Note:

The consumption value is a guide which may vary depending on the nature of the substrate and method of application. Precise consumption values can only be determined by coating a test area on site.

Application Conditions

### Temperature of Product, Ambient Air and Substrate:

Min. 5 °C

Relative humidity must not exceed 80 %.

# TECHNICAL INFORMATION NO. 048

Drying/Drying Time

At 20 °C und 65 % relative humidity.	dust dry	dry to handle	recoatable	completely dry and load-bearing
after hours	4	8 - 10	16 - 18	approx. 5 days

Drying times are longer at lower temperatures and higher air humidity.

Tool Cleaning

After use with white spirit or turpentine substitute.

## Advice

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

Flammable liquid and vapour. May cause drowsiness or dizziness. Toxic 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. Use only outdoors or in a well-ventilated area. Avoid release to the environment. 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 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 (cat. A/i): 500 g/l (2010). This product contains max. 500 g/l VOC.

Giscode

BSL20

Substances of Content - Declaration

Alkyd resin, titanium dioxide, colour pigments, metal effect pigments, mineral fillers, aliphates, additives

Further Details

see Safety Data Sheet

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## Technical Information No. 048 · 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.048 · Capalac Basic Rostschutzlack · Issued: December 2020