

Capalac Heizkörperlack

Glossy alkyd resin varnish, non-aromatic & cobalt free.
Suitable for interior use on radiators.

Product Description

Field of Application

Suitable for intermediate and finishing coats on primed radiators and pipelines of hot water heating systems, indoors.

Note: For interior coatings on large (seamless) surfaces the use of acrylic enamel Capacryl Heizkörper-Lack is advisable, due to the product typical odour development of alkyd enamels (alkyd resin varnishes).

Material Properties

- Non-aromatic solvent.
- Cobalt-free.
- Very easy to apply.
- Fast-drying.
- High opacity (hiding/covering power), even on edges.
- Heat-resistant up to 180 °C
- Highly non-yellowing in hot water heating system areas < 60 °C
- Superior flow.
- High impact strength and shock resistance.
- Resistant to common household detergents and short-term resistance against weak acids and alkalis.

Material Base / Vehicle

Alkyd resin with non-aromatic solvents.

Packaging/Package Size

375 ml, 750 ml, 2.5 litres, 10 litres

Colours

White.

Note: The typical yellowing effect on the surface of white and light-coloured alkyd enamels may occur (caused by low UV radiation or chemical influences due to e.g. ammonia vapour from detergents, adhesives, paint or sealing compounds). This yellowing is no product defect and cannot be objected.

Gloss Level

Gloss

Storage

Keep in a cool place.
Keep cans/containers tightly closed.

Technical Data

- Density: Approx. 1.2 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
Substrate Preparation
Method of Application

Primed radiators and pipelines of hot water heating systems.

Roughen/sand and clean the surface.

Guidelines (Standard Values) for Spray Application:

	Ø Nozzle	Pressure	Thinning	Material Heating
High pressure	1.5 - 2.0 mm	2 - 4 bar	5 - 10 % by vol.	–
Airless	0.009 - 0.011 inch	180 - 200 bar	–	–
Aircoat-TempSpray	0.009 - 0.011 inch	180 - 200 bar	–	35 °C

Application:

Stir well before use. Thin with non-aromatic Caparol-AF-Verdünner or synthetic resin thinner, if necessary.

Capalac Heizkörperlack can be applied by enamel brush, roller or spray equipment.

Surface Coating System

	Priming Coat	Intermediate Coat	Finishing Coat
Uncoated radiators	Capalac AllGrund (up to 100 °C)	Capalac Heizkörperlack	Capalac Heizkörperlack
Radiators, pre-treated by the manufacturer (primed /ground-coated)	Disbon 481 EP-Uniprimer (up to 100 °C)		

Consumption

	Brush Application	Roller Application	Spray Application	
			High Pressure	Airless/Aircoat
Consumption ml/m ²	80 - 110	70 - 90	90	100

Consumption are guide values, influenced by the substrate condition. Determine the exact amount of material required by coating a test area on site.

Application Conditions

Lower Temperature Limit for Application and Drying:

+ 5 °C for product, substrate and ambient air.

Drying/Drying Time

At 20 °C and 65 % relative humidity.	dust dry	touch dry	recoatable	spray application is possible
after hours	3	approx. 12	20	20

Lower temperatures and higher humidity extend the drying time.

Tool Cleaning

Clean tools immediately after use with white spirit.

Advice

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

Flammable liquid and vapour. 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 vapours/spray. 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: butanone oxime. May produce an allergic reaction.

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 (category A/i): max. 500 g/l (2010). This product contains max. 500 g/l VOC.

Product Code Paints and Enamels

M-LL01 (Germany)

Substances of Content - Declaration

Alkyd resin, aliphatic compounds, titanium dioxide, silicates, desiccant (cobalt-free), additives, anti-skinning agent 2-butanone oxime.

Further Details

See Material Safety Data Sheet (MSDS).

Customer Service Centre

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