

Capacryl Heizkörper-Lack

The specialist for radiators



www.21000-engi.de/12123

Product Description

Field of Application

For high-grade, glossy finishing of hot water radiators.

Material Properties

- Water-thinnable/-dilutable.
- Low odour.
- Heat resistant up to 125 °C
- Highly non-yellowing on heating systems at temperatures < 60 °C
- Elastic.
- High opacity (hiding/covering power) on surfaces and edges.
- Resistant to normal household cleaners.
- Fast-drying.

Material Base / Vehicle

Acrylic emulsion

Packaging/Package Size

750 ml, 2.5 litres

Colours

White

Use Capacryl-PU-Satin/Gloss for coloured paintwork on radiators (5 - 80 °C). Do not use white shades in order to avoid yellowing.

Gloss Level

Gloss

Storage

Keep in a cool, but frost-free place.

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

Primed or painted hot water radiators and heating pipes. The substrate must be clean, sound/stable, dry, and free from all substances that may prevent good adhesion.



TECHNICAL INFORMATION NO. 967

Substrate Preparation

Uncoated Radiators:

Clean metal surfaces thoroughly and derust corroded substrates according to industry standard SA 2 ½ (blasting) or ST3 (mechanically) according to DIN EN ISO 12 944-4.

Pre-coated radiators (ex factory/works):

Sand and clean the surface.

Radiators with sound existing coats of paint:

Sand the surface and/or treat slightly with alkali. Remove unsound coatings completely.

Method of Application

Guidelines for Spray Application:

	Ø Nozzle	Spray Pressure	Air Pressure	Dilution
Airless	0.008–0.012 inch	180 - 200 bar	–	max. 5 %
Airmix/Aircode	0.008 - 0,012 inch	120 bar	2,5 bar	-
Finecoat	1,5 –1,8 mm	–	0,2 - 0,5 bar	max. 10 %
High Pressure	1,5 –1,8 mm	–	3 - 4 bar	max. 10 %

Surface Coating System

Substrate	Use	Substrate Preparation	Priming Coat	Intermediate Coat	Finishing Coat
Uncoated radiators and pipes	interior	derust/cleaning	Capalac AllGrund	Capacryl Heizkörper-Lack ¹⁾	Capacryl Heizkörper-Lack ¹⁾
Radiators, pre-coated ex works	interior	slightly sanding/cleaning	Disbon 481 EP-Uniprimer	–	
Radiators with sound existing coats of paint	interior	slightly sanding/cleaning ²⁾	Capacryl Heizkörper-Lack	–	

¹⁾ Use Capacryl PU-Satin/Gloss for coloured paintwork/finishing.

²⁾ Prepare and prime defective areas according to substrate requirements.

Consumption

Application:

Capacryl Heizkörper-Lack can be applied with brush, roller or spraying equipment. Stir well before use and dilute to a max. of 5 % with tap (potable) water, if necessary.

Approx. 100–130 ml/m²/coat. Consumption is only a guide value and may vary, depending on substrate requirements. The exact consumption is best established by a trial coating (test area) on site.

Application Conditions

- Material, circulating air and substrate temperature: min. 8 °C (favorable range: 10 to 25 °C).
- Relative humidity: ≤ 70 %.

Drying/Drying Time

At 20 °C and 65 % relative humidity.	dust dry	recoatable	thoroughly dry
after hours	1–2	10–12	48

Lower temperatures and a higher relative humidity extend the drying time.

Tool Cleaning

Clean tool after use with water and wetting agent, e.g. Gescha Multi-Star. It is recommended the wearing of nitrile gloves.

Advice

Please Note (Status as at Date of Publication)

If medical advice is needed, have product container or label at hand. Keep out of reach of children. Contains 1,2-benzisothiazol-3(2H)-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1), 2,4,7,9-tetramethyldec-5-yne-4,7-diol. May produce an allergic reaction. Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. Keep out of reach of children. For spraying work, use combination filter A2/P2 and protective goggles. Use dust filter P2 for grinding work. Ensure thorough ventilation during application and drying. Avoid eating, drinking and smoking while using the paint. In case of contact with eyes or skin, rinse immediately with plenty of water. Do not allow to enter drains, waterways or soil. Clean tools immediately after use with soap and water.

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 containers should be given for recycling. Dispose containers with residues of liquid material as remnants of water-based paints and dried material as hardened paints waste or via domestic waste.

EU limit value for the VOC content

of this product (category A/i): max. 140 g/l (2010). This product contains max. 110 g/l VOC.

Product Code Paints and Enamels

BSW30

Substances of Content - Declaration

according to VdL-RL01*: Polyacrylate resin, titanium dioxide, silicates, water, glycols, glycol ether, additives, preservatives. This product contains methylisothiazolinone, benzisothiazolinone. Advice for allergy sufferers with isothiazolinone allergy: German hotline 0180/5308928 (0.14 €/minute from German landline, MTS max. 0.42 €/minute).

* Verband der deutschen Lackindustrie
Association of German Enamel Industry / Guideline 01

Further Details

See Material Safety Data Sheet (MSDS).

Customer Service Centre

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