Capacryl Heizkörper-Lack

Water-thinnable, acrylic enamel for glossy coatings on radiators.

Product Description

Field of Application	For high-grade, glossy finishing of hot water radiators.
Material Properties	■ Water-thinnable ■ 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 ■ Quick-drying
Material Base / Vehicle	Acrylic dispersion/emulsion
Packaging/Package Size	750 ml, 2.5 litres
Colours	White Use Capacryl Haus-Lack 2000 for coloured paintwork on radiators (do not use white shades in order to avoid yellowing).
Gloss Level	Glossy
Storage	Shelf life: Min. 12 months in original, tightly closed can, when stored in a cool and frost-free place.
Technical Data	■ Density: Approx. 1.2 g/cm^3

Application

Suitable Substrates	Primed or painted hot water radiators and heating pipes. The substrate must be clean, sound, dry, and free from all substances that may prevent good adhesion.
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 Spay Application:

	Ø Nozzle	Spray Pressure	Air Pressure	Dilution
Airless	0.011–0.015 inch	200 bar	–	max. 5 %
Airmix/Aircode	0.011 inch	120 bar	2,5 bar	as delivered
Finecoat	1.8–2.2 mm	–	approx. 0.5 bar	max. 5 %
High Pressure	2.0–2.5 mm	–	5.0 bar	max. 5 %

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, precoated 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 Haus-Lack 2000 for coloured paintwork/finishing.

[2] Prepare and prime defective areas according to substrate requirements.

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

Consumption

Approx. 100–130 ml/m^2/coat. Consumption is only a guide value and may vary, depending on substrate requirements. The exact rate of consumption is best established by a trial coating.

Application Conditions

Lower Temperature Limit for Application and Drying:
+ 8 °C for material, substrate and ambient air.

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 tools/equipment immediately after use with water.

Advice

Please Note (Status as at Date of Publication)	Keep out of the reach of children. In case of spray application: Do not breathe spray dust. Ventilate well during application and drying period. In case of contact with eyes or skin, rinse immediately with plenty of water. Do not empty into drains, water courses and onto the ground. Safety Data Sheet (MSDS) available for professional users on request.
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	M-LW01
Substances of Content - Declaration	acc. to VdL-RL01*: Polyacrylate resin, titanium dioxide, silicates, water, glycols, glycol ether, additives, preservative agent * Verband der deutschen Lackindustrie Association of German Enamel Industry / Guideline 01
Further Details	See Material Safety Data Sheet (MSDS).
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