



Electrodeposition coatings

There from the very beginning – up to current highlights

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The raw material know-how that we have built up over the years, in combination with knowledge of coating line technology, allows for fast and efficient development work.

As the last medium-sized enterprise in the field of coatings and paints to remain in Germany, FreiLacke provides a comprehensive product range to meet all anodic and cathodic electrodeposition coating system needs.

Among the major advantages of FreiLacke is the fact that

- development
- application technology
- production

are located at a single site in Bräunlingen-Döggingen.

The fact that our company is local also makes quick and effective customer support possible. And that's precisely what customers know to appreciate in today's fast-paced world.

The EC team now oversees 80 baths in 18 countries with a volume of over 2.2 million litres.

Industry	Number of baths	Volume in m ³	Countries
■ Radiators	30	9 - 168	Germany, Austria, Switzerland, Great Britain, Italy, France, Russia, Ukraine, China, Czech Republic, Croatia, Poland, Hungary, Slovakia, Belarus, Bulgaria, India, Netherlands
■ Functional furniture	10	12 - 75	
■ Mechanical engineering	9	2 - 63	
■ Job coaters	9	1 - 34	
■ Vehicle construction	5	17 - 115	
■ Air-conditioning technology	5	5 - 12	
■ Door frames	3	17 - 70	
■ Other	8	0.2 - 60	



Dive in with us!

Forward-looking system solutions.

The following three product highlights from the EC product programme are among the future topics that we will be addressing:

Anodic EC special for radiators

FreiLacke offers special anodic EC systems for radiators in a range of qualities.

The systems comply with the requirements of the panel radiator industry with outer layer thicknesses from 8 to 12 μm and a continuous inner coating.

The high demands of the design radiator industry can also be fulfilled with an absolutely white, covering and non-yellowing primer at 20 μm .

Last, but not least, the producers of aluminium radiators are provided with sophisticated anodic systems that come with a degassing setting for maximum wrap-around.

Basically, all primers are matched to subsequent powder coating top coats in terms of intermediate adhesion and colour shade.



Cathodic EC acrylate

A modern two-component system is available to FreiLacke customers in the form of cathodic EC acrylate. This cathodic EC is distinguished by excellent UV resistance with good corrosion protection properties.

Layer thicknesses greater than 45 μm are no problem. A wide variety of colour options rounds off what this system group has to offer.

Anodic EC low-solvent (low VOC)

The newest addition to the EC family at FreiLacke is a new anodic, two-component system with significantly less than four percent of VOC-relevant solvent in the paste mixture.

What is available to the user here is a system that possesses all the qualities of an anodic single-coat system, e.g. layer thicknesses of up to 40 μm , no yellowing and excellent wrap-around properties.



- Wheels
- Vehicles
- Mechanical engineering
- Job coaters
- Functional furniture and storage technology
- Construction and sanitary



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