Electrodeposition coatings
There from the very beginning – up to current highlights

As one of the EC pioneers, FreiLacke has been developing and using innovative electrodeposition coating systems since the 1960s.
Electrodeposition coating pioneers!
There from the very beginning – up to current highlights.

As one of the EC pioneers, FreiLacke has been developing and using innovative electrodeposition coating systems since the 1960s. 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, and 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.

<table>
<thead>
<tr>
<th>Industry</th>
<th>Number of baths</th>
<th>Volume in m³</th>
<th>Countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>Radiators</td>
<td>30</td>
<td>9 - 168</td>
<td>Germany, Austria, Switzerland, Great Britain, Italy, France, Russia, Ukraine, China, Czech Republic, Croatia, Poland, Hungary, Slovakia, Belarus, Bulgaria, India, Netherlands</td>
</tr>
<tr>
<td>Functional furniture</td>
<td>10</td>
<td>12 - 75</td>
<td></td>
</tr>
<tr>
<td>Mechanical engineering</td>
<td>9</td>
<td>2 - 63</td>
<td></td>
</tr>
<tr>
<td>Job coaters</td>
<td>9</td>
<td>1 - 34</td>
<td></td>
</tr>
<tr>
<td>Vehicle construction</td>
<td>5</td>
<td>17 - 115</td>
<td></td>
</tr>
<tr>
<td>Air-conditioning technology</td>
<td>5</td>
<td>5 - 12</td>
<td></td>
</tr>
<tr>
<td>Door frames</td>
<td>3</td>
<td>17 - 70</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>8</td>
<td>0.2 - 60</td>
<td></td>
</tr>
</tbody>
</table>
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.
Are you interested? Then get in touch with our experts.

Emil Frei GmbH & Co. KG
Döggingen
Am Bahnhof 6
78199 Bräunlingen
Germany

Tel. +49 7707.151-0
Fax +49 7707.151-238

info@freilacke.de
www.freilacke.de