

**RACKSTAR®**

# THE SMART SURFACE PROTECTION



**GALVATORE**  
Plating & Equipment

## WHO WE ARE

We are a specialized company in the field of industrial surface technology, focusing on particularly demanding areas of application. With our RACKSTAR® technology, we offer high-performance coating solutions for applications that require maximum durability, process-reliable layer systems, and technical dependability, such as in the following industries:



Industry & Manufacturing



Mobility & Transportation



Energy & Future Technologies



Electronics & Measurement Technology



Special Applications &  
High-Security Environments



## RACKSTAR® the smart surface protection

Production downtime – how long can the industry still afford it?  
Corrosion destroys pipes and valves, seals burst, pumps fail. Every repair costs time, money, and increases the risk of workplace accidents.

The answer is our patented, PFAS- and solvent-free coating system that not only provides excellent protection but also ensures long-term process reliability: RACKSTAR®

Developed on the basis of a fluorine alloy consisting of PVDF + X, it combines extremely high chemical, thermal, and mechanical resistance to acids and saline atmospheres.

The result: less maintenance, lower costs, reduced downtime and a measurable contribution to resource conservation and workplace safety. RACKSTAR® sets new standards for sustainable coating technologies and reliable performance throughout the entire product lifecycle.

## PRODUKT-OVERVIEW

<b>RACKSTAR® Pro</b>	Efficient layer thickness of only 200 µm with superior protective performance, <b>approved for corrosion protection class C5 high according to DIN EN ISO 12944-6:2018</b>
<b>RACKSTAR® Premium</b>	High-performance layer thickness of 200 µm with maximum protection effect, optionally equipped with integrated tracer for coating condition monitoring, <b>corrosion protection class CX according to DIN EN ISO 12944-6:2018 in preparation</b>
<b>RACKSTAR® Diamond</b>	Superior Hybrid system combining metal and coating with anti-finger-print effect, available in any RAL color range
<b>RACKSTAR® Infinity</b>	Excellent resistance to acidic and alkaline media
<b>RACKSTAR® Defense</b>	Outstanding flow optimization for aero- and hydrodynamics
<b>RACKSTAR® Topcoat</b>	Barrier-forming Sealer for trivalent hard-chromed components
<b>RACKSTAR® Hydro Protect</b>	Extreme protection for hydrogen (H <sub>2</sub> ) infrastructure and fittings against permeation, embrittlement, corrosion and UV exposure
<b>RACKSTAR® Protectode</b>	Effective shielding of electrode edges under high current density



## GALVAZON® – YOUR DIGITAL GATEWAY TO SURFACE TECHNOLOGY

With GALVAZON® the entire coating process is digitally mapped from quick sketch creation to a structured approval workflow. Orders can be processed intuitively and securely, worldwide and compatible with all common systems.

Shipping includes full tracking and transparent supply chains. This not only reduces organizational effort but also minimizes travel and CO<sub>2</sub> emissions. GALVAZON® is available in German and English and can optionally be expanded with AI-assisted functions, creating maximum efficiency in planning and execution.

Curious? Visit [galvazon.com](https://galvazon.com) and see for yourself how efficient and simple digitalized coating processes can be today.



1. Quick sketch creation

2. Easy ordering

3. Secure payment

4. Worldwide delivery

5. Shipment tracking

## SURFACE TECHNOLOGY – MORE THAN JUST APPEARANCE

In addition to highly functional coatings, we also apply decorative powder coatings. These are reliable, process-safe, and available in a wide range of finishes and RAL colors. We also offer sandblasting for rust removal and mechanical surface preparation.

Where standard systems reach their limits, RACKSTAR® sets new benchmarks with its functional powder coating through outstanding resistance to corrosion, chemical, thermal and mechanical stress even in acidic and saline environments.

## COMPANY PHILOSOPHY

Innovation, sustainability, and environmental protection are at the core of our work. With our coating systems, we actively contribute to achieving environmental goals and implementing climate-friendly technologies.

Our commitment has been recognized several times in recent years: in 2022 with the German Business Award, in 2023 with the NewWork Business Award and in 2024 with the Entrepreneur of the Future distinction as well as the BSFZ Seal of Excellence for innovative research and development achievements.

Furthermore, our company is certified for its quality and environmental management system according to DIN EN ISO 9001:2015 and DIN EN ISO 14001:2015.



## **GALVATORE Plating & Equipment**

Nesselrodestr. 18d  
50735 Cologne  
Germany

Tel: +49 221 560 885 82  
Web: [www.galvatore.com](http://www.galvatore.com)  
Email: [info@galvatore.com](mailto:info@galvatore.com)

### **Contact person:**

Salvatore Bongiorno  
Managing Director  
Mobil: +49 163 71 500 38



**GALVATORE**  
Plating & Equipment