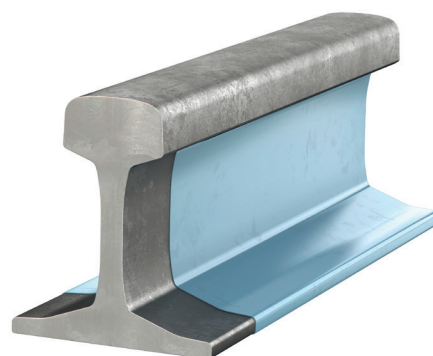


COATED RAIL

Sustainable protection against corrosion and leakage current.



Our Rubbercoat® technology combines corrosion protection, electrical insulation, elasticity and long-term durability in a single solution, providing effective protection in some of the most demanding railway environments worldwide.

Corrosion challenges rails in different railway environments

Rail corrosion is not limited to one environment. It occurs in wet tunnels, on coastal lines, level crossings, metro systems, ports, industrial zones and heavily contaminated station areas. Different causes, different conditions, different failure mechanisms, but one challenge: protecting the rail before corrosion develops into rail foot degradation and ultimately rail failure.

That is why voestalpine Railway Systems does not offer a standard coating. We deliver complete rail protection

systems designed around the specific environment, infrastructure and operational requirements of every customer. Water ingress, humidity, salt exposure, aggressive contaminants and stray currents all require a different approach.

Over more than 16 years of operational experience, we have developed protection concepts for tunnels, metro networks, ports, level crossings, embedded rail systems, station environments and grooved rail infrastructure.

Tailored protection concepts for challenging environments

Successful rail protection starts long before installation. Every application is assessed individually to determine the most effective protection concept. We consider the complete system: the rail, the operating environment, logistics, installation methods and long-term maintenance requirements.

Whether the project involves a mountain tunnel, a coastal railway, a metro network or a busy station area, our solution is designed to fit seamlessly into the customer's infrastructure and operating practices. Lessons learned from projects across Europe and beyond allow us to remove uncertainties before a project even begins.



Long-term performance on track

Protection does not end when the rail leaves our facility. Dedicated transport concepts help ensure coated rails arrive on site ready for installation. Our specialists can support installation teams, provide guidance during welding activities and help ensure the protection system

continues to perform as intended throughout its service life. Because a successful project is not measured by the delivery of coated rails. It is measured by long-term performance in the track.



Proven protection concepts for optimal reliability

Infrastructure managers choose voestalpine Railway Systems because we combine rail expertise with proven protection concepts and real-world experience.

Our solutions have been successfully applied in tunnels, level crossings, metro systems, ports, station areas and embedded track environments. We understand the challenges and that every railway network is different.

That is why we work together to develop the right rail protection solution for the specific environment, helping extend rail life, improve reliability and protect critical infrastructure for the long term.