



Shallow Flangeway Railseal

The Polycorp brand represents decades of proven international product performance, field service and customer support. The Shallow Flangeway Railseal product increases grade crossing safety and reduces accidents near any at-grade rail crossings, and is engineered to fit any rail size and track configuration. Customers benefit from our extensive product catalogue, superior technical support, and decades of experience as leaders and innovators in the rail industry.

Polycorp offers a variety of embedded track systems for different applications. **Shallow Flangeway Railseal** was specifically developed to increase grade crossing safety and reduce unnecessary accidents. Shallow Flangeway Railseal reduces and optimizes the shape of the open flangeway contour, resulting in grade crossings that are safer and easier to cross for bicycles, wheelchairs and other narrow wheeled pedestrian based vehicles, reducing the chance of wheels becoming lodged and/or pinched in the flangeway.



Shallow Flangeway Railseal can be engineered to address any environmental challenge, rail size and track configuration. This new innovation combines decades of proven EPFlex® Railseal, which prolongs the life of any railroad crossing, and enhanced safety benefits of our EPFlex® Enclosed Flangeway Railseal.



Innovation

Polycorp continually improves and introduces new products to meet customer needs. Our knowledgeable in-house technical department and hands-on field presence allows us to quickly create focused solutions to your specific project challenges.

As the original inventor of EPFlex® Railseal and EPLOCK II® Rail Clip Systems, Polycorp has been at the forefront of innovation and safety since the 1980's. The original EPFlex® Railseal interface continues to improve and prolong the life of any railroad crossing and allows motorists and pedestrians to focus on their surroundings, with an accurate flangeway gap that meets Disabilities Act requirements in both Canada and the US.

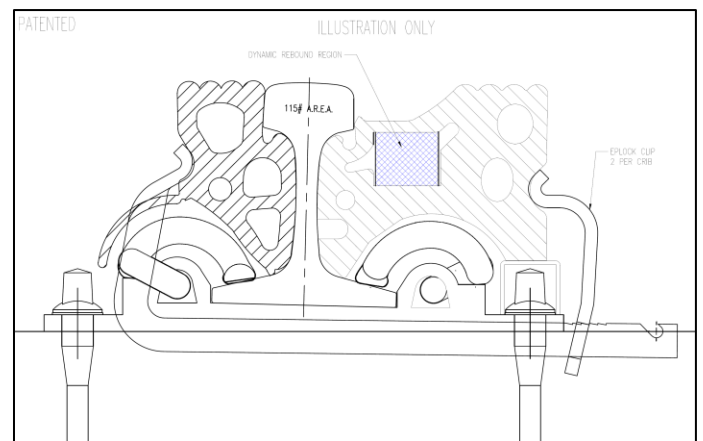
The introduction of EPFlex® Railseal was soon followed by EPFlex® Enclosed Flangeway Railseal for specific applications. EPFlex® Enclosed Flangeway is completely flush to all top surfaces and has been proven to eliminate trip hazards and maintenance cart tipping accidents for typical slow speed train applications (yards, spurs, industrial applications, etc.)

Shallow Flangeway Railseal combines the proven success of EPFlex® Railseal and EPFlex® Enclosed Flangeway Railseal systems to provide enhanced pedestrian and bicycle safety reducing or eliminating failure modes of wheels becoming lodged and/or pinched in the flangeway. Shallow Flangeway Railseal can be engineered to fit any rail size and track configuration in any extreme environment.

Quality

Polycorp quality begins with **ISO 9001:2015** Certification and ends only when the job is in revenue service. We have quality systems and the latest testing equipment to ensure our material exceeds your needs and satisfies your customer's requirements.

High Quality = Reduced Risk



Modelling, Test and Measurement

Polycorp's R&D team is capable of simulating complex systems to analyze them both theoretically and numerically. Design is then optimized to deliver ultimate performance. Several real-life lab tests are performed on the designed components to validate the simulations and ensure reliability of the system.

Solutions

Polycorp's Engineering Team creates embedded track systems that exceed specifications, with a focus on ease of installation. Polycorp has the people, facilities, testing, and technology to produce the proven materials you want.