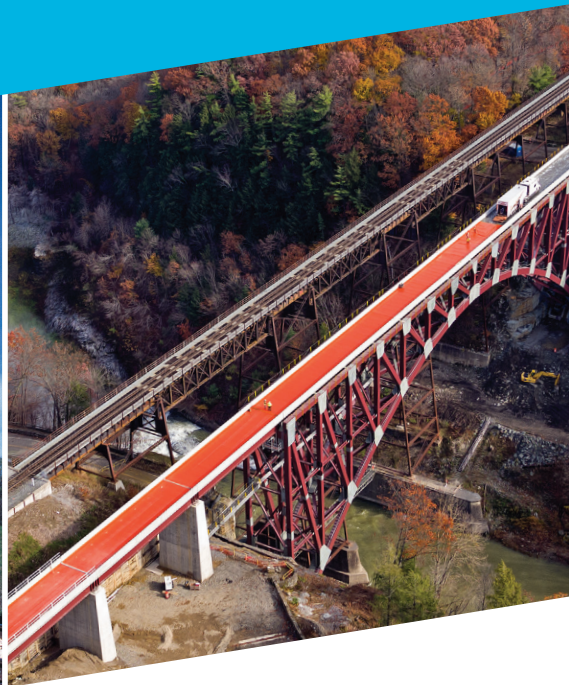


PPG Rail Coating Systems

Solutions for your
entire operation





Protection for railcars, bridges, culverts and more.

PPG coating systems for the rail industry offer proven performance and reliability for the entire operation, from railcars to bridge decks and structures to culverts and other buried infrastructure. Our long-lasting coatings are designed to help you meet regulatory requirements and operate more safely and efficiently, through ease of application and fast return-to-service. Our team of Field Technicians is available nationwide to help choose and apply the right systems for your operation.



Railcars

PPG has been a leader in railcar applications for decades, providing coating systems for the safe transportation of dry bulk goods, chemicals, and food-grade commodities. Our applicator-friendly, fast drying, low VOC, and low HAPs coatings can help speed up shop throughput and achieve a faster return-to-service.

PPG AMERCOAT® 428 PCLO

Solvent-free epoxy lining

- High-build, single coat protection
- High-gloss railcar blue
- Meets VOC regulations
- Heated plural component application
- More flexible and abrasion resistant than conventional epoxy coatings
- Compliant with US FDA 21 CFR 175.300 for food-grade cargoes
- VOC: 99 g/L

PPG DTM Epoxy 202

High-solids, direct-to-metal epoxy

- Fast dry times for rapid topcoating
- Low VOC, low HAPs
- Excellent corrosion protection properties
- VOC: 200 g/L

PPG AMERLOCK® 2

Two-component, high-solids epoxy coating

- High performance self-priming universal epoxy
- High solids, low VOC
- Proven coating as a bulk rail lining and DTM exterior coating
- VOC: 180 g/L



Bridge decks

PPG provides a full line of ballast mat systems, expansion joint systems, and waterproofing systems, plus spray-applied elastomeric waterproofing membranes.

PPG BRIDGE DECK MEMBRANE

High-strength, rapid setting, 100% solids, two-component polyurea-based membrane

- Can be applied in temperatures down to -20°F (-29°C) with fast cure and quick return-to-service.
- Passes ASTM C1305 for 1/8" crack bridging at 80 mils and meets AREMA Chapter 8, Part 29 for Cold Liquid-Applied Elastomeric Membranes
- Can be sprayed over irregular, vertical and overhead surfaces

PPG INTEGRATED BALLAST MAT and PPG SLOPED BALLAST MAT and DAMTEC Under Ballast Mat systems

Spray-applied monolithic film

- Replaces protection boards with PPG BRIDGE DECK MEMBRANE Topcoat and granulated rubber
- Can be both formed in field and installed on any surface, vertical or horizontal
- Under ballast mats increase the lifespan of ballast, decrease track stiffness on rigid structures, modulate track elasticity at transition zones, and reduce vibration and structure-borne/ground-borne noise

PPG ARTICULUS® Bridge Deck Expansion Joint

Proprietary polyurea joint system

- Fully compatible with PPG waterproofing systems
- Creates a seamless, monolithic membrane over the bridge deck and joints
- Available in custom shapes



Bridge structures

PPG coatings are designed for the most demanding bridge projects, protecting against exposure to pollution, exhaust fumes, de-icing salts, water vapor, salinity, UV rays and weathering.

PPG AMERCOAT® 68 HS

Three-component zinc-rich epoxy primer

- Provides outstanding corrosion resistance and fast dry times on steel structures
- >80% zinc in dry film
- AMERCOAT® 861 accelerator can be used for low temperature curing

PPG AMERLOCK® 600

Two-component high-build, multipurpose polyamide cured epoxy intermediate coat

- Suitable for use as an intermediate coat over zinc-rich primers
- Self-priming
- Compatible with a wide range of substrates and surface preparations
- VOC: 240 g/L

PPG PITTHANE® ULTRA

Two-component aliphatic acrylic polyurethane topcoat

- Unlimited recoatability
- Outstanding weather resistance with excellent color and gloss retention
- Can be applied and cured at low temperatures
- Available as high gloss or low sheen

PPG PSX® 700

Two-component engineered siloxane topcoat

- Excellent color and gloss retention
- Excellent corrosion resistance
- Excellent adhesion, unlimited recoatability
- Outperforms polyurethane



Buried infrastructure

PPG provides protective coatings for culverts, manholes, wash retention ponds and other components in stormwater and operational water management. Our products offer excellent structural properties, the ability to cover both cement and brick, and protection against inflow and infiltration. These coating systems are designed to work with new build projects as well as maintenance and repair – especially with our cementitious resurfacers.

PPG RAVEN® 405

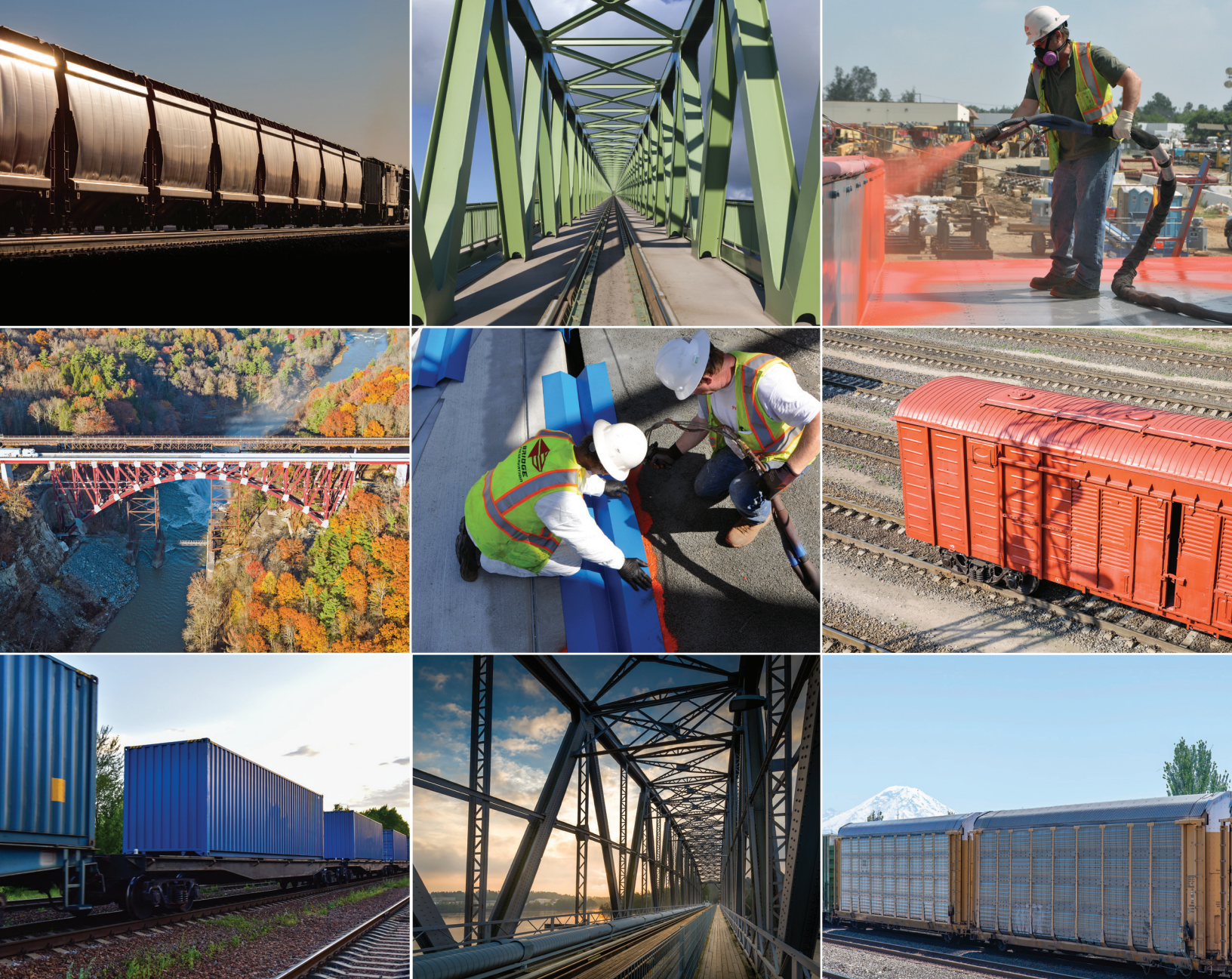
Ultra-high-build epoxy lining system

- Specially formulated with high physical strength and broad chemical resistance
- Can be applied on vertical and overhead surfaces
- Bonds to a variety of substrates including new concrete or for the rehabilitation of an existing structure
- VOC: 0.52 g/L

PPG AQUATAFLEX® 506

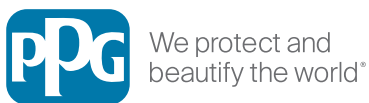
100% solids novolac epoxy/polyurethane hybrid coating

- Combines the chemical resistance of epoxy, the flexibility and abrasion resistance of polyurethane, and the fast cure of polyurea.
- Certified as a USDA Bio-Based product
- Excellent waterproofing and adhesion to a variety of substrates
- VOC: <5 g/L



We are PPG

- We protect and beautify the world by developing and delivering paints, coatings and materials that our customers have trusted for more than 130 years.
- We operate and innovate in more than 70 countries.
- We are widely recognized as a leading name in protective and marine coatings.
- Continuous development ensures that we provide optimal solutions for asset owners, contractors, fabricators and applicators across the globe.



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