

NOVA-PLATE® 360



NEXT-GENERATION RAIL LINING ELEVATES PERFORMANCE AND COST SAVINGS

Enhance your fleet's flexibility, protect valuable equipment from aggressive chemicals and save time during the inspection process with Nova-Plate 360 — the next generation in tank lining technology. An easy-to-use, flake-reinforced, PTFE-filled, novolac-based tank lining, Nova-Plate 360 tank lining helps save time and money through reduced downtime for application and unparalleled protection to the interior of rail cars, tanks and vessels.

CARGO COMMODITIES

- Crude oil
- Diluent fuels
- Solvents
- Methanol



HIGHLIGHTS

- Excellent thermal shock resistance during loading and unloading of cargo
- Easy application with single-leg or plural spraying capabilities
- Lining for new and rehab of insulated and non-insulated rail tank cars
- Pit-filling capability
- Single- or multi-coat application
- Over one-hour pot life
- Colored Part B to ensure proper mix before spraying
- Applications from 12-50 mils DFT
- High performance in abrasive environments
- Exceptional cleaning properties
- Optional Opti-Check™ Optically Active Pigments

FROM SPEC TO PROTECT

[sherwin-williams.com/protective](https://www.sherwin-williams.com/protective)

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BENEFITS



Cost Effectiveness

- Minimize downtime and accelerate tank lining application through single-leg spraying capability and quick-dry lining
- Eliminate the need for plural-component spraying, saving applicators considerable time and cost with single-leg spraying capability
- Increase throughput from rapid curing



Increase Inspection Assurance

- Enhance application success and save time in the inspection process with optional Opti-Check Optically Active Pigments
- Identify pinholes, holidays or discontinuities in lining through LED inspection using Opti-Check Optically Active Pigments
- Reduce the dependence on traditional spark testing by identifying holidays and missed areas during application



Application Time Savings

- Reduce the total cost of the coating process
- Eliminate a coat with a high-film build and a single-coat application system



Maximum Protection

- Protect the interiors of rail cars against aggressive chemicals stored and processed at high temperatures and high pressure
- Defend your lining against: sour crude, hot water, salt water, ethanol and methanol

COMPETITIVE COMPARISON

Nova-Plate 360 vs. Leading Competitive Tank Lining		
Capability	Nova-Plate 360 Tank Lining	Leading Competitive Tank Lining
Methanol at 77°F	Resists	Fails after 7 days
Ethanol at 120°F	Resists	Fails after 15 days
Cathodic Disbonding	Meets most customer requirements	Blistering and average 34 mm
Appearance	Outstanding - Smooth film appearance from 6 mils (150µm) through to 50 mils (1250µm)	Tendency to sag at higher film thicknesses, making it less appropriate in maintenance

UNMATCHED DISTRIBUTION AND SERVICE

Products You Need Right Now

Get the products you need with same or next-day delivery and gain access to local inventory at more than 5,000 company-owned distribution points in North America.

Technical Service for Optimal Applications

Our technical service team brings extensive technology and product knowledge, as well as manufacturer equipment training, to ensure proficiency throughout the entire coatings process.

THE SHERWIN-WILLIAMS DIFFERENCE

Sherwin-Williams Protective & Marine delivers world-class industry subject matter expertise, unparalleled technical and specification service, and unmatched regional commercial team support to our customers around the globe.

The industry experts at Sherwin-Williams Protective & Marine are renowned authorities in their respective fields of knowledge - including Bridge & Highway, Flooring, Food & Beverage, Fire Protection, Freight Rail, Marine, Oil & Gas, Power Generation, Steel Fabrication and Water & Wastewater. Our global technology expertise in areas including tank linings, passive fire protection, corrosion under insulation (CUI) testing and fusion-bonded epoxy drives game-changing innovation and influences global industry standards.

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