



Nova-Plate[®] 360

Next Generation Tank Lining



Minimize asset downtime, 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, API-compliant, 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 steel tanks and vessels.

Highlights

- As fast as 24-hour return to service
- Easy application with single-leg or plural spraying capabilities
- Wide range of chemical resistance including methanol, high-temperature crude and produced water
- API 652/653-compliant reinforced lining suitable for new construction and maintenance projects
- Pit-filling capability
- Single or multi-coat application
- Over one-hour pot life
- Colored Part B to help applicators ensure proper mix before spraying
- Single or multi-coat applications from 12 to 50 mils DFT
- High performance in abrasive environments through PTFE enhancement
- Low surface energy lining offering superior cleaning properties in shutdown
- Optically Activated Pigment (OAP) application to streamline inspections (optional)

Accelerate Performance

Minimize downtime and accelerate your tank lining application process through the combination of single-leg spraying capability and quick-dry lining—returning assets to service as quickly as 24 hours. The single-leg spraying capability of Nova-Plate 360 tank lining eliminates the need for plural-component spraying, saving applicators considerable time and cost. Nova-Plate 360 tank lining features a high-film build, enabling applicators to coat most assets in a single coat, thus eliminating an entire application step compared to two-coat systems.

Increase Inspection Assurance

Optional OAP Technology enhances application success and saves time in the inspection process through:

- LED inspection that identifies pinholes, holidays or discontinuities in lining
- Streamlined tank inspections
- Reduces the dependence on traditional spark testing by identifying holidays and missed areas during application

Maximum Protection

Nova-Plate 360 tank lining is designed to protect the interiors of steel tanks, pipelines, spools and vessels against some of the most aggressive chemicals stored and processed at high temperatures and high pressure, including 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 34mm
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

Industries Served

This amine-cured, flake-reinforced, novolac-based tank lining has been developed for use in:

- Oil and gas processing applications
 - Midstream
 - Downstream
 - Shale
 - Upstream tanks
 - Offshore



About Sherwin-Williams Protective & Marine

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. Our broad portfolio of high-performance coatings and systems that excel at combating corrosion helps customers achieve smarter, time-tested asset protection. We serve a wide array of markets across our rapidly growing international distribution footprint, including Oil & Gas, Water & Wastewater, Bridge & Highway, Steel Fabrication, Flooring, Food & Beverage, Fire Protection, Marine, Rail and Power.

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