

Setting a new standard in tank recoating



Location: ExxonMobil Baton Rouge Refinery
Applicators: ExxonMobil Embedded Contractor - Brock
Method: Manual roller (roadside)
Surface prep: SSPC SP-6 (commercial blast)
Coating product: Advanced Polymer Coatings' TriFLEX™
Date: March 2025

Advanced Polymer Coatings' TriFLEX™ coating, enabled by Proxima™ systems, was first applied at the ExxonMobil Baton Rouge Refinery in Louisiana, one of the world's largest refining complexes with over 400 onsite storage tanks. It demonstrated a new benchmark in efficient, effective and responsible tank maintenance. In a challenging roadside location, embedded contractor Brock replaced a traditional three-coat system with two-coats of the Proxima system-enabled coating, delivering a >40% reduction in coating application labor hours and associated costs with 75% less VOC emissions. Re-coat dry time was reduced by 85%, driving more efficient execution and less time with equipment out of service.

A landmark demonstration at Baton Rouge



This tank was selected for this project because of its location near a public road to highlight the product's adaptability and low-emission profile.



Standard PPE and ventilation



Two-coat Proxima system-based formulation achieved the same protection as a traditional three-coat solution with **40% less coating application labor cost**



75% reduction in VOC vs. traditional three-coat system

Part of the Proxima™ in practice series | Real performance. Real conditions. Real impact.

Real impact

Completed in bright white and proudly bearing the ExxonMobil and Proxima™ logos, the first recoated tank stands as a working showcase of breakthrough performance in real-world conditions.

Spray application in shop environments is also possible with a single coat - enabling even faster, more efficient projects.



Technical Summary: The Proxima advantage



Operational efficiency

Less time, same protection

- Two coats of TriFLEX replaced a traditional three-coat system
- Saved 20% on total project costs (including surface preparation)
- Cut coating dry time by 85%, returning equipment to service faster



Project certainty

Improved schedule confidence

- Less application time and coats reduces exposure to external factors such as adverse weather
- Reduced complexity and potential for human error with a single-product coating system



Responsible formulation

Precision engineered for sensitive environments

- May apply with spray equipment or roller to manage overspray
- Standard PPE and ventilation
- 75% lower VOC emissions than other standard coating systems



Long-term economic benefits

Built to endure
Engineered to save

- Reduced life-cycle maintenance costs
- Less equipment downtime and business losses
- Projected 25 year service life, with weathering and UV protection

Visit proxima.com or email proxima@exxonmobil.com to discover how Proxima resin systems can help you bring innovation to your business

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