



Universal Powder Primer for Steel Bolted Tanks



PPG has set a new industry benchmark with the introduction of ENVIROCRON[®] universal powder primer for bolted steel tanks. Engineered for the safe storage of water, chemicals, dry bulk goods and foodstuffs, this versatile primer eliminates the need for multiple products based on cargo, reducing finishing complexity and streamlining supply chains.

Engineered for use on carbon, stainless and galvanized steel bolted tank exteriors and interior linings, this advanced powder primer technology delivers extreme chemical resistance—even with the most corrosive solutions—and high edge coverage, ensuring robust, uniform protection across complex geometries such as bolt holes, sharp edges and seams.

Compliant with all major water safety standards such as NSF61 and out-gas friendly, it provides a smoother finish with fewer defects than traditional powder primers, minimizing the need for touch ups and maximizing long term reliability.

This primer is designed to work seamlessly with PPG powder topcoats, giving manufacturers the opportunity to leverage an integrated coatings stack from a single trusted supplier.

Suggested Markets

- Chemicals and petrochemical plants
- Energy liquid and gas
- Agriculture
- Water and wastewater storage

End Uses

- Stainless and carbon steel above ground bolted storage tanks
- Heated and cold storage systems
- Pipes and pipelines



Product Features



Excellent abrasion, flexibility, impact, dielectric and corrosion performance



Highly cross linked novolac epoxy phenolic coating designed for extreme environments



Formulated for outgassing (OGF) properties for use over cast and shotblasted steel



Resistance to an extensive range of pH at both ambient and elevated temperature



Engineered for storage of diesel fuel, salts, cooking oil, deionized water and highly acidic and alkaline effluents plus dry bulk goods and water



High-edge performance protects areas most vulnerable to corrosion



NSF 61 compliant for water storage and meets FDA requirements for dry bulk grain goods



Test conditions: Recommended film thickness 5-10 mils above blast profile.

Product Properties

Property	Test method	Value
Appearance	Visual Inspection	Smooth
Gloss 60°	ASTM D 523	80 Minimum
Adhesion	ASTM D 4541	> 2500 psi
Hardness	ASTM D 3363	5H Pencil (Eagle)
Impact - Reverse	ASTM D 2794	160 in-lbs
Recommended Thickness	ASTM D 7091	5.0-10.0 mils
Dielectric Strength	<ul style="list-style-type: none"> • ASTM D 3755, Type 1 • 7-10 mils 12 kV • Electrode • 12kV DC with a 0.5mA limiting current (Imax) • 20 second ramp • 20 second dwell • 2 second descend 	7 - 10 mils - 12 kV



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