



We protect and beautify the world™



Powerful protection

Coating systems for transformers



Single-source coatings for transformers

Whether you manufacture pole, pad-mounted or submersible transformers, PPG has a broad portfolio of coatings engineered to optimize the reliability, efficiency and longevity of your products. PPG's fully integrated pretreatment and coating systems provide corrosion, chemical and ultraviolet (UV) resistance, enabling you to meet IEEE performance standards in a wide selection of colors, including Munsell Green, Bell Green, ANSI 61 Gray and ANSI 70 Gray.

An active contributor to the IEEE Transformer Enclosure Integrity Standards Subcommittee, PPG maintains an in-depth knowledge of IEEE standards and testing criteria.

Product Benefits

- Multi-technology compatibility with a variety of substrates
- Technical, project design and engineering support
- Wide application parameters for varying line conditions
- Broad color palette
- Consistent product quality
- Proven portfolio of OEM-approved products
- IEEE-compliant coatings



PPG Coatings for Transformers

Technology	Product	Chemistry	Product Code	Color	Corrosion Resistance	Chemical Resistance	Life Expectancy	UV Resistance	Impact Resistance	Thermal Cycling	Humidity Resistance	QUV Accelerated Weathering	Cross-Hatch Adhesion	SCAB	Gravelometer	Taber Abrasion	Edge Coverage	Insulative Properties	>450° F Resistance ²	
Powder	ENVIROCRON™	Epoxy-Polyester Hybrid Primer	PCF40110	Munsell Bell Green	✓		✓	✓	✓	✓		✓	✓	✓	✓	✓	✓			
		Polyester - TGIC Topcoat	PCTT49230	Munsell Bell Green	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
			PCTT79295	ANSI 61 Gray	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
			PCTT79249	ANSI 70 Gray	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Liquid	SPECTRACRON®	Epoxy Topcoat	SEP77275	Gray	✓	✓			✓	✓	✓		✓	✓	✓	✓				
			SEP77159	Gray	✓	✓			✓	✓	✓		✓	✓	✓	✓	✓			
		Urethane Topcoat	SPU60068	Bell Green	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	IVC	Urethane Topcoat	59673-U	Pad Mount Green	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓				
	Hi-Temp	Polysiloxane Primer	HT 1027 HB	Black, Gray	✓		✓	✓		✓	✓									✓
		Acrylate Midcoat ¹	HT 707 HB	White			✓			✓									✓	
		Polysiloxane Organic Topcoat	HT 500 VS	Any			✓	✓		✓	✓		✓							✓
		Polysiloxane Topcoat	HT 1000 VS	Any			✓	✓		✓	✓		✓							✓
Sigmatherm	Epoxy Primer	Sigmatherm 230	Pink, Gray, Eggshell	✓	✓	✓		✓	✓	✓		✓								
E-Coat	POWERCRON®	Cationic Acrylic Topcoat	CR830, CR925, CR935	Any	✓	✓	✓	✓	✓		✓	✓	✓			✓				
		Cationic Epoxy Primer	CF590-534, CR691B, CR460	Any	✓	✓	✓		✓	✓			✓	✓	✓					
Pretreatment and Engineered Products	ZIRCOBOND®, X-BOND™	Zirconium-Based Pretreatment	N/A	N/A		✓		✓				✓	✓	✓						
	ULTRAX™	Zirconium-Based Cleaner	N/A	N/A		✓		✓				✓	✓	✓						
	CHEMSEAL™	Zirconium-Based Sealant Rinse	N/A	N/A		✓		✓				✓	✓	✓						
	CHEMFOS™	Zinc-Phosphate-Based Pretreatment	N/A	N/A		✓		✓				✓	✓	✓						
	Ultrax, CHEMKLEEN™	Zinc-Phosphate-Based Cleaner	N/A	N/A		✓		✓				✓	✓	✓						
	Chemseal	Zinc-Phosphate-Based Sealant Rinse	N/A	N/A		✓		✓				✓	✓	✓						
	Chemfos, ULTRAGUARD™	Iron-Phosphate-Based Pretreatment	N/A	N/A		✓		✓				✓	✓	✓						
	Ultrax, Chemkleen	Iron-Phosphate-Based Cleaner	N/A	N/A		✓		✓				✓	✓	✓						
Chemseal	Iron-Phosphate Based Sealant Rinse	N/A	N/A		✓		✓				✓	✓	✓							

¹ Combined with primer for corrosion, topcoat for moisture resistance

² Maximum temperatures as follows: Polysiloxane Primer, 1,200° F; Polysiloxane Organic Topcoat, 500° F; Polysiloxane Topcoat, 1,000° F

