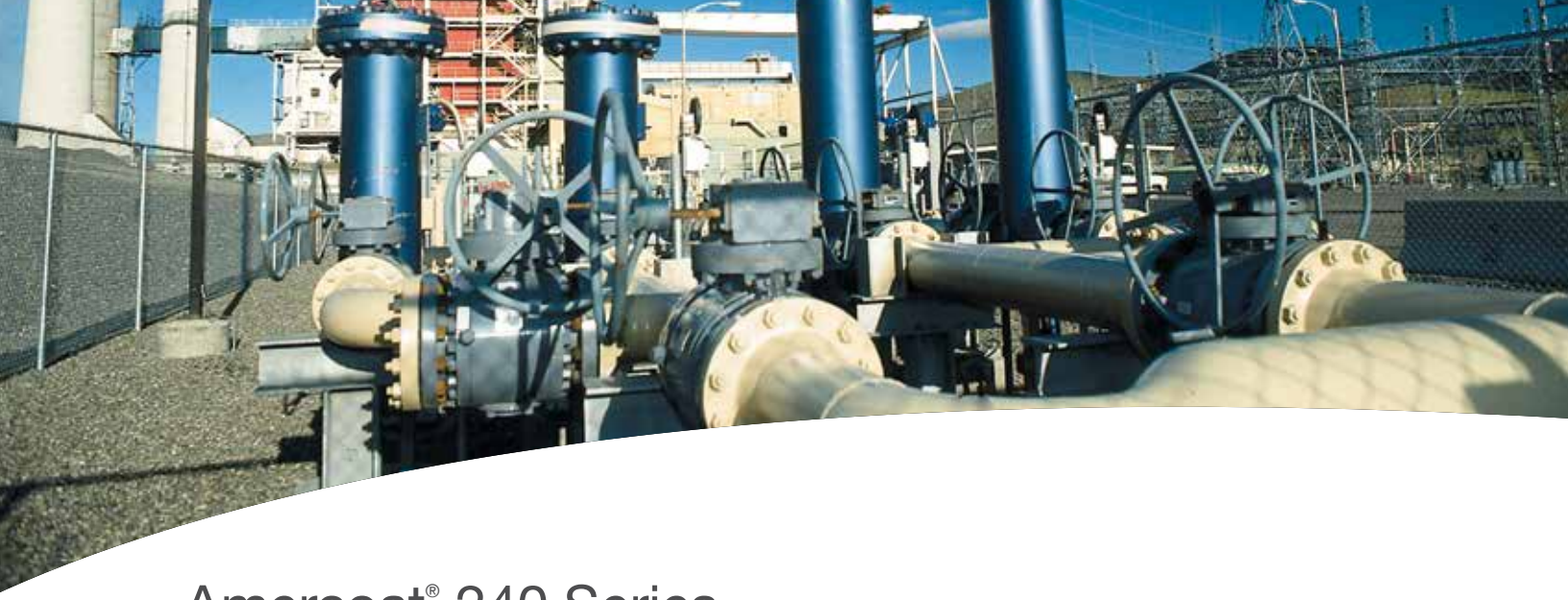
Amercoat® 240 Series

Universal epoxy coatings – superior edge retention and less stripe coating

PPG Protective & Marine Coatings

Bringing innovation to the surface.™



Amercoat® 240 Series

Universal Epoxy Coatings

The *Amercoat* 240 Series features surface tolerant, direct-to-metal universal epoxies with excellent wetting and edge covering characteristics. Now you have a single product that is able to replace a series of specialized coatings with a one-coat application that can be used in a wide range of marine and protective environmental and application conditions.

Amercoat® 240

Amercoat 240 is a surface tolerant, direct-to-metal universal epoxy with excellent wetting and edge covering characteristics. Providing exceptional corrosion protection in salt and fresh water immersion and corrosive chemical environments, *Amercoat* 240 is applied down to 40°F, and cures down to 32°F (0°C) building up to 12 mils.

Amercoat® 240 Features

- Superior edge retention & less stripe coating
- High build (up to 12 mils) in one coat
- Direct-to-metal application
- Self-priming and surface tolerant
- Excellent adhesion to tight rust
- Fast dry-to-recoat and rapid handling properties
- Abrasion resistant
- Exceptional corrosion protection
- Very low VOC

Amercoat® 240LT

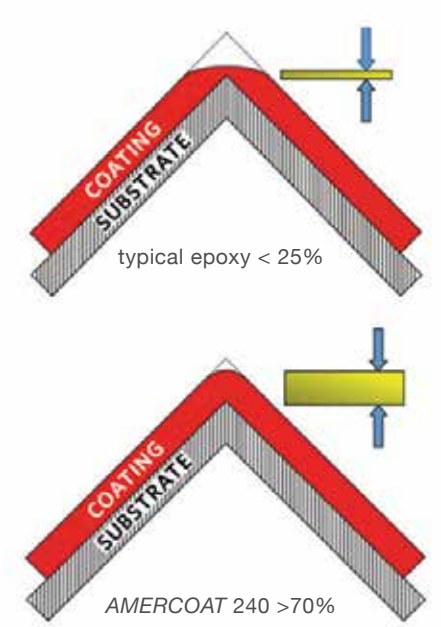
Amercoat 240LT is a new formula specifically designed for winter application in cold weather regions. *Amercoat* 240LT can be applied down to 20°F, and it cures down to 0°F (-18°C) without additives or alternate curing agents.

Amercoat® 240LT Features

- All of the features of *Amercoat* 240, plus: Low temperature cure at 0°F (-18°C)

Typical Applications

- Petrochemical
- Infrastructure
- Offshore
- Bridges
- Marine (exterior and interior)
- Power



Many epoxies have an edge coverage of approximately 25–30%. *Amercoat* 240 has a coverage of 75%. Due to this better edge coverage, less stripe coating is required.

Amercoat® 240
Technical Data

Amercoat® 240LT
Technical Data

Colors	Buff, Haze Gray, Pastel Green, Oxide Red, White				Buff, Light, Gray, Black, Oxide Red, Off White			
Components	2				2			
Mixed Voc	145 g/L (1.2 lb/gal)				192 g/L (1.6 lb/gal)			
Volume Solids	87% +/-3%				82% +/-3%			
Weight Solids	90.3%				84.7%*			
Finish	Semi-gloss				Semi-gloss			
Dry Film Thickness Per Coat	4-12 mils (100-300 microns)				4-12 mils (100-300 microns)			
Coats	1 or 2				1 or 2			
Theoretical Coverage								
Per Mil (25 microns)	1395 ft^2/gal		33.5 m^2/L		1315 ft^2/gal		32.3 m^2/L	
6 Mils (150 microns)	233 ft^2/gal		5.6 m^2/L		219 ft^2/gal		5.4 m^2/L	
Temperature Resistance, Continuous	250ºF		121ºC		250ºF		121ºC	
Flash Point (SETA)								
Amercoat 240 Resin	122ºF		50ºC		110ºF		43ºC	
Amercoat 240 Cure	138ºF		59ºC		90ºF		32ºC	
T-10 Thinner	80ºF		27ºC		80ºF		27ºC	
Amercoat 12	2ºF		-17ºC		2ºF		-17ºC	
Application	Spray, Brush or Roll				Spray, Brush or Roll			
Mixing Ratio	4R:1C				4R:1C			
Day Time (HRS @ 6 MILS)(ºF/ºC)	90º/32º	70º/21º	50º/10º	32º/0º	50º/10º	32º/0º	16º/-5º	0º/-18º
Dry to touch	3hr	5hr	10hr	24hr	3hr	5hr	9hr	24hr
Dry hard	6hr	8hr	13hr	30hr	7hr	10hr	25hr	60hr
Cure to Immersion (Tanklining Service) (ºF/ºC)	120º/49º	90º/32º	70º/21º	50º/10º	50º/10º	32º/0º	20º/-7º	0º/-18º
Days	2	3	7	7	7	7	7	10

* Varies by color
** These cure-to-immersion times refer to tanks with forced ventilation. On underwater hull systems with PPG Antifoulings, the vessel can be launched after the specified dry-to-launch period indicated in the application instruction for the antifouling.

Amercoat® 240
Performance Test Data

Test	Method	Typical Results
Salt Spray	ASTM B 117	14,000 hours with no blistering, rusting, or flaking, <1 mm scribe creep after 3,000 hours
Cleveland Humidity	ASTM D 2247	3,500 hours with no blistering, rusting, cracking on panel face
Adhesion	ASTM D 4541	1,500-2,500 Psi (typ.)
Abrasion	ASTM D 4060	No more than 100 mg average loss after 1,000 cycles, CS-17 wheel, 1 kg
Edge Retention	MIL-PRF-23236	Greater than 70%
Impact Resistance	ASTM G14	40 inch-pounds (direct)
Moisture Vapor Transmission	ASTM F1249	1.8 g/m/24-hours
Qualifications	MIL-PRF-23236 (C), MIL-PRF-24647 (U.S. Navy ballast tank and underwater hull)	





ppgpmc.com
pmc@ppg.com

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