



# Amercoat<sup>®</sup> 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

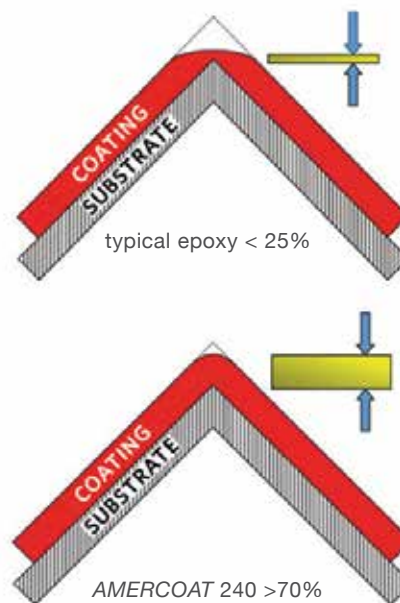
*Amercoat 240LT* is a new formula specifically designed for winter application in cold weather regions. *Amercoat 240LT* can be applied down to 20°F, and it cures down to 0°F (-18°C) without additives or alternate curing agents.

### 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 <sup>2</sup> /gal	33.5 m <sup>2</sup> /L	1315 ft <sup>2</sup> /gal	32.3 m <sup>2</sup> /L
6 Mil (150 microns)	233 ft <sup>2</sup> /gal	5.6 m <sup>2</sup> /L	219 ft <sup>2</sup> /gal	5.4 m <sup>2</sup> /L
Temperature Resistance, Continuous	250°F	121°C	250°F	121°C

**Flash Point (SETA)**

Amercoat 240 Resin	122°F	50°C	110°F	43°C
Amercoat 240 Cure	138°F	59°C	90°F	32°C
T-10 Thinner	80°F	27°C	80°F	27°C
Amercoat 12	2°F	-17°C	2°F	-17°C
Application	Spray, Brush or Roll			
Mixing Ratio	4R:1C			
Day Time (HRS @ 6 MILS)(°F/°C)	90°/32°	70°/21°	50°/10°	32°/0°
Dry to touch	3hr	5hr	10hr	24hr
Dry hard	6hr	8hr	13hr	30hr
Cure to Immersion (Tanklining Service) (°F/°C)	120°/49°	90°/32°	70°/21°	50°/10°
Days	2	3	7	7

\* 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)	





ppgmc.com  
pmc@ppg.com  
© 2014 PPG Industries, all rights reserved.  
PM17737/69-USA  
Created August 2014

No rights can be derived from the content of this publication. Unless otherwise agreed upon in writing, all products and technical advice are subject to our terms of sale, available on our website ppgmc.com. All rights reserved. The PPG logo and Amercoat are registered trademarks of PPG Industries Ohio, Inc. *Bringing innovation to the surface* is a trademark of PPG Industries Ohio, Inc.



**PPG Protective &  
Marine Coatings**

Bringing innovation to the surface.™