AMERCOAT 137®

DESCRIPTION

Non-skid epoxy primer

PRINCIPAL CHARACTERISTICS

- Non-skid primer for Amercoat 138G
- Qualified to Mil-PRF-24667, Types I and 2
- Excellent adhesion

COLOR AND GLOSS LEVEL

- Buff, Dark Gray
- Satin

Note:

- Epoxy coatings will characteristically chalk and fade upon exposure to sunlight. Light colors are prone to ambering to some extent

BASIC DATA AT 20°C (68°F)

Data for mixed product	
Number of components	Two
Volume solids	67 ± 3%
VOC (Supplied)	max. 2.0 lb/US gal (approx. 240 g/l)
Recommended dry film thickness	4.0 - 6.0 mils (101 - 152 µm) depending on system
Theoretical spreading rate	269 ft^2/US gal for 4.0 mils (6.6 m^2/l for 100 µm)
Shelf life	Base: at least 12 months when stored cool and dry Hardener: at least 12 months when stored cool and dry

Notes:

- See ADDITIONAL DATA – Overcoating intervals
- See ADDITIONAL DATA – Curing time

RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

- Coating performance is, in general, proportional to the degree of surface preparation
- Remove all surface contaminants, oil and grease in accordance with SSPC SP-1

AMERCOAT 137®

Mild steel

- Remove weld spatter, protrusions, and laminations in steel
- Abrasive blast with an angular abrasive to an SSPC SP-10 cleanliness or higher. Achieve a surface profile of 3.0 – 4.5 mils (75 – 114 µm)
- For maintenance and repair, the product can be applied over surfaces prepared in accorance with SSPC SP-11. Amercoat 137 may also be applied over surfaces prepared to SSPC WJ-2(L) when a sound profile exists.

Non-ferrous metals and stainless steel

- Abrasive blast or mechanically abrade in accordance with SSPC-SP 16 to achieve an angular, uniform, and dense 3.0 - 4.5 mil anchor profile.

Substrate temperature and application conditions

- Ambient temperature during application and curing should be between 40°F (4°C) and 110°F (43°C)
- Relative humidity during application should not exceed 85%
- Surface temperature during application should be between 40°F (4°C) and 120°F (49°C)
- Substrate temperature during application should be at least 5°F (3°C) above dew point

---

INSTRUCTIONS FOR USE

Mixing ratio by volume: base to hardener 4:1

- Pre-mix base component with a pneumatic air mixer at moderate speeds to homogenize the container. Add hardener to base and agitate with a power mixer for 1–2 minutes until completely dispersed

---

Application

- Area should be sheltered from airborne particulates and pollutants
- Avoid combustion gases or other sources of carbon dioxide that may promote amine blush and ambering of light colors
- Ensure good ventilation during application and curing
- Provide shelter to prevent wind from affecting spray patterns

---

Material temperature

- Material temperature during application should be between 50°F (10°C) and 90°F (32°C)

Pot life

3 hours at 70°F (21°C)

Note:

- See ADDITIONAL DATA – Pot life

AMERCOAT 137®

Air spray

- Use standard conventional equipment

Recommended thinner

THINNER 91-82 (AMERCOAT T-10)

Volume of thinner

0 - 10%

Nozzle orifice

Approx. 0.070 in (1.8 mm)

Airless spray

- 45:1 pump or larger
- Hoses should normally be kept as short as possible

Recommended thinner

Thinner 21-06 (Amercoat 65) or Thinner 91-82 (Amercoat T-10) or Thinner 21-25 (Amercoat 101) for above 90 °F

Nozzle orifice

0.015 – 0.017 in (approx. 0.38 – 0.43 mm)

Brush/roller

- Use a high quality natural bristle brush and/or solvent resistant, 3/8" nap roller. Ensure brush/roller is well loaded to avoid air entrainment. Multiple coats may be necessary to achieve adequate film-build

Recommended thinner

Thinner 91-82 (Amercoat T-10)

Cleaning solvent

- THINNER 90-58 (AMERCOAT 12)

AMERCOAT 137®

ADDITIONAL DATA

Overcoating interval for DFT up to 5.0 mils (125 µm)					
Overcoating with...	**Interval**	**40°F (4°C)**	**50°F (10°C)**	**70°F (21°C)**	**90°F (32°C)**
itself	Minimum	32 hours	18 hours	8 hours	4 hours
	Maximum	30 days	21 days	14 days	7 days
approved topcoats	Minimum	32 hours	18 hours	8 hours	4 hours
	Maximum	14 days	10 days	7 days	3 days
non-skid Epoxy	Minimum	32 hours	24 hours	12 hours	6 hours
	Maximum	3 days	3 days	3 days	3 days

Note:

- Dry times are dependent on air and surface temperatures as well as film thickness, ventilation, and relative humidity. Surface temperatures should be monitored, especially with sun-exposed or otherwise heated surfaces. Surface must be clean and dry. Any contamination must be identified and removed.

Curing time for DFT up to 4.0 mils (100 µm)		
Substrate temperature	**Dry to touch**	**Dry to handle**
40°F (4°C)	3 hours	36 hours
50°F (10°C)	1.5 hours	24 hours
70°F (21°C)	1 hours	12 hours
90°F (32°C)	30 minutes	6 hours

Note:

- Drying times can vary based on environmental and substrate conditions. Do not exceed maximum dry film thickness recommendations as this can affect dry times

Pot life (at application viscosity)	
Mixed product temperature	**Pot life**
50°F (10°C)	5 hours
70°F (21°C)	3 hours
90°F (32°C)	2 hours

Product Qualifications

- Mil-PRF-24667 C Types 1 and 2

AMERCOAT 137®

SAFETY PRECAUTIONS

- This is a solvent-borne paint and care should be taken to avoid inhalation of spray mist or vapor, as well as contact between the wet paint and exposed skin or eyes
- See Safety Data Sheet and product label for complete safety and precaution requirements

WORLDWIDE AVAILABILITY

It is always the aim of PPG Protective & Marine Coatings to supply the same product on a worldwide basis. However, slight modification of the product is sometimes necessary to comply with local or national rules/circumstances. Under these circumstances an alternative product data sheet is used.

REFERENCES

- Information sheet | Explanation of product data sheets

WARRANTY

PPG warrants (i) its title to the product, (ii) that the quality of the product conforms to PPG's specifications for such product in effect at the time of manufacture and (iii) that the product shall be delivered free of the rightful claim of any third person for infringement of any U.S. patent covering the product. THESE ARE THE ONLY WARRANTIES THAT PPG MAKES AND ALL OTHER EXPRESS OR IMPLIED WARRANTIES, UNDER STATUTE OR ARISING OTHERWISE IN LAW, FROM A COURSE OF DEALING OR USAGE OF TRADE, INCLUDING WITHOUT LIMITATION, ANY OTHER WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR USE, ARE DISCLAIMED BY PPG. Any claim under this warranty must be made by Buyer to PPG in writing within five (5) days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life of the product, or one year from the date of the delivery of the product to the Buyer, whichever is earlier. Buyer's failure to notify PPG of such non-conformance as required herein shall bar Buyer from recovery under this warranty.

LIMITATIONS OF LIABILITY

IN NO EVENT WILL PPG BE LIABLE UNDER ANY THEORY OF RECOVERY (WHETHER BASED ON NEGLIGENCE OF ANY KIND, STRICT LIABILITY OR TORT) FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES IN ANY WAY RELATED TO, ARISING FROM, OR RESULTING FROM ANY USE MADE OF THE PRODUCT. The information in this sheet is intended for guidance only and is based upon laboratory tests that PPG believes to be reliable. PPG may modify the information contained herein at any time as a result of practical experience and continuous product development. All recommendations or suggestions relating to the use of the PPG product, whether in technical documentation, or in response to a specific inquiry, or otherwise, are based on data, which to the best of PPG's knowledge, is reliable. The product and related information is designed for users having the requisite knowledge and industrial skills in the industry and it is the end-user's responsibility to determine the suitability of the product for its own particular use and it shall be deemed that Buyer has done so, as its sole discretion and risk. PPG has no control over either the quality or condition of the substrate, or the many factors affecting the use and application of the product. Therefore, PPG does not accept any liability arising from any loss, injury or damage resulting from such use or the contents of this information (unless there are written agreements stating otherwise). Variations in the application environment, changes in procedures of use, or extrapolation of data may cause unsatisfactory results. This sheet supersedes all previous versions and it is the Buyer's responsibility to ensure that this information is current prior to using the product. Current sheets for all PPG Protective & Marine Coatings Products are maintained at www.ppgpmc.com. The English text of this sheet shall prevail over any translation thereof.

AVAILABILITY OF PACKAGING

Depending on specific country of application the following versions are available:

Product	Color
AT137-B	Hardener
AT137-28	Dark Gray Base
AT137-1	Buff Base