

# AMERCOAT® 965

November 2011  
Revision of June 2011

<b>DESCRIPTION</b>	Acrylic Modified Cement
<b>PRINCIPAL CHARACTERISTICS</b>	<ul style="list-style-type: none"> <li>- Excellent for repairing deteriorated concrete</li> <li>- Can be used as a masonry block filler</li> <li>- Can be trowelled to a feather edge to re-pitch floors</li> <li>- 0 VOC, LEED Compliant, HAPs Free</li> <li>- 2,000 psi compressive strength</li> <li>- Low odor, non-flammable</li> </ul>
<b>COLOR AND GLOSS</b>	Gray Flat
<b>BASIC DATA</b>	
Volume solids	Liquid component – 30% ± 3% Mixed – approximately 70-80% Final volume solids varies depending on mixing ratio. Film shrinkage is minimal.
VOC	0 lbs/gal (0 g/L)
Recommended Dry film thickness ( per coat)	1/8" – 1/2" (typical)
Theoretical Spread Rate	@ 1/8"            48 ft <sup>2</sup> / kit @ 1/4"            24 ft <sup>2</sup> / kit @ 1/2"            12 ft <sup>2</sup> / kit
Components	2
Shelf Life	1 year from date of manufacture
<b>SURFACE PREPARATION</b>	
Concrete	- Surface must be free from contaminants such as dust, dirt, grease, or oil. Concrete surfaces must have a profile equivalent to 60 grit sandpaper or rougher.
Masonry	- Clean and prepare the surface in accordance with ASTM D4261.
<b>ENVIRONMENTAL CONDITIONS</b>	
Ambient temperatures*	35°F to 110°F (10°C to 43°C)
Material temperatures	50°F to 90°F (10°C to 32°C)
Relative humidity	0 – 85%
Surface temperature	35°F to 110°F (10°C to 43°C) Surface temperature must remain at least 5°F above the dew point temperatures.
General air quality	Area should be sheltered from airborne particulates and pollutants.
<b>INSTRUCTIONS FOR USE</b>	
Mixing and application	Mix with a pneumatic air mixing at moderate speeds to homogenize the container.  During hot, dry conditions, the concrete may be pre-moistened with water to assist in application of <i>Amercoat</i> 965 directly to the concrete or masonry. Prime surface with <i>Amerlock</i> Sealer or <i>Amercoat</i> 965 Liquid. Apply <i>Amercoat</i> 965 when <i>Amerlock</i> Sealer is still wet or tacky. When using <i>Amercoat</i> 965 liquid to prime, apply the 965 cement within the same day and after the liquid is dry to touch.

## AMERCOAT 965

*Amercoat* 965 is packaged in 2 components which must be mixed together before use. A kit consists of 8 lbs of liquid and 48 lbs of powder. Do not mix more material than can be used within the working time of 30 minutes. If necessary, mix smaller quantities at the ratio of 6 parts powder to 1 part liquid by weight. Material which has begun to set is unsatisfactory and must be discarded.

Power mixing using a suitable 1/2 inch power drill and mixer is recommended. When mixing more than a unit of material at a time, a 3-6 ft<sup>3</sup> revolving drum mixer or mortar mixer is recommended. The material can also be mixed by hand using a mortar box or wheel barrel using a mortar hoe.

Shake the 1 gallon polyethylene bottle of liquid to disperse any sediment. Pour the liquid into the mixing vessel. Gradually add powder and mix until the cement is uniformly blended to a workable consistency.

If the cement is to be applied in thickness greater than 1/4 inch, a stiffer consistency can be achieved by adding additional powder. For application and thickness above 1 inch or for filling deep pitted concrete sections, add gravel to the mix. Add 36 lbs of 1/4 – 3/4 inch clean gravel to each 56 lb unit of material. Immediately after mixing, the *Amercoat* 965 cement is ready to use.

Spread and trowel to the desired finish using typical concrete finishing tools.

Clean all equipment and tools immediately with water.

Thinner  
Cleaning solvent  
Safety precautions

Clean water

Water

For paint and recommended thinners see safety sheet 1430, 1431 and relevant material safety data sheets

### DRY/CURE TIMES

Temperature °F/°C	50/10	70/21	90/32
Dry for light traffic	24 hours	8 – 12 hours	6 – 8 hours
Dry for application of thin film epoxies ( <i>Amerlock</i> e.g.)*	12 hours	6 hours	4 hours
Dry to topcoat with <i>Amercoat</i> epoxy surfacers	6 days	3 days	2 days

\* For slabs on grade, ensure the floor has been tested for moisture content and transmission in accordance with the allowable levels for the epoxy coating or surface used.

### AVAILABILITY

Packaging

liquid 8 lbs in a 1 – gallon polyethylene bottle  
powder 48 lbs in a fiber drum

Product codes

NU965-A (liquid)  
NU965-P (powder)  
NU965-3P (white powder)

Worldwide statement

While it is always the aim of PPG Protective & Marine Coatings to supply the same product on a worldwide basis, 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.

## AMERCOAT 965

### WARRANTY STATEMENT

PPG warrants (i) its title to the products, (ii) that the quality of the product(s) conform to PPG's specifications for such products in effect at the time of manufacture and (iii) that the products shall be delivered free of the rightful claim of any third person for infringement of any U.S. patent covering the products. THESE ARE THE ONLY WARRANTIES 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.

The information in this data sheet is based upon laboratory tests PPG believes to be accurate and is intended for guidance only. 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 PPG products, 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, are reliable. The products and information are designed for users having the requisite knowledge and industrial skills and it is the end-user's responsibility to determine the suitability of the product for its intended use.

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 loss, injury or damage resulting from such use or the contents of this data sheet (unless there are written agreements stating otherwise).

This data sheet supersedes all previous versions and it is the user's responsibility to ensure that this data sheet is current prior to using the product. The English text of this document shall prevail over any translation thereof.

---

### LIMITATION OF LIABILITY

The information in this data sheet is based upon laboratory tests we believe to be accurate and is intended for guidance only. All recommendations or suggestions relating to the use of the products made by PPG Protective & Marine Coatings, whether in technical documentation, or in response to a specific enquiry, or otherwise, are based on data which to the best of our knowledge are reliable. The products and information are designed for users having the requisite knowledge and industrial skills and it is the end-user's responsibility to determine the suitability of the product for its intended use.

PPG Protective & Marine Coatings has no control over either the quality or condition of the substrate, or the many factors affecting the use and application of the product. PPG Protective & Marine Coatings does therefore not accept any liability arising from loss, injury or damage resulting from such use or the contents of this data sheet (unless there are written stating otherwise).

The data contained herein are liable to modification as a result of practical experience and continuous product development.

This data sheet replaces and annuls all previous issues and it is therefore the user's responsibility to ensure that this sheet is current prior to using the product. The current data sheets are maintained at [www.ppgpmc.com](http://www.ppgpmc.com)

The English text of this document shall prevail over any translation thereof.

---