



# AMERSHIELD

General air quality

Area should be sheltered from airborne particulates and pollutants. Ensure good ventilation during application and curing. Provide shelter to prevent wind from affecting spray patterns.

## INSTRUCTIONS FOR USE

Mixing ratio by volume

4 parts base to 1 part hardener

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

Pot life

Temperature	50°F	70°F	90°F
<i>Amershield</i>	5 hours	2.5 hours	1.5 hours
<i>Amershield with 866M accelerator</i>	2 hours	1 hours	30 minutes

Airless spray

28:1 pump or larger, 0.013-0.015 fluid tip  
Can be applied with plural component equipment

Air spray

Thin up to 20%, standard conventional equipment, 0.070" fluid orifice. A moisture and oil trap in the main line is essential. Product is sensitive to moisture contamination.

Brush & roll

Use a high quality natural bristle brush and / or solvent resistant, 1/4" or 3/8" nap roller. Ensure brush / roller is well loaded to avoid air entrainment. Multiple coats may be necessary to achieve adequate film build. *Amercoat 851* flow control additive can be used to for enhanced flow and leveling with brush and roll application. Multiple coats may be required to achieve proper film build and hiding with roller application.

Thinner

*Amercoat 923, Amercoat 65 (xylene), Amercoat 101 (recommended for > 90 °F), Amercoat 911*

Cleaning solvent

*Amercoat 12 Cleaner or Amercoat 65 thinner (xylene)*

Primers

*Amercoat 68HS, Amercoat 68MCZ, Amercoat 370, Amercoat 385, Amercoat 399, Amerlock 2/400, Pittguard Epoxies, Amercoat 435, Amercoat 256*

Safety precautions

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

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.

## DRY/CURE TIMES

*Amershield @ 5 mils dft*

	40°F	50°F	70°F	90°F
Dry to touch	8 hours	4 hours	2.5 hours	1 hour
Dry through	5 days	72 hours	10 hours	5 hours
Dry to recoat	72 hours	48 hours	8 hours	4 hours
Maximum recoat	168 hours	168 hours	96 hours	12 hours

*Amershield with 866M Accelerator @ 5 mils dft*

	20°F	32°F	50°F	70°F	90°F
Dry to touch	8 hours	4 hours	75 minutes	25 minutes	10 minutes
Dry through	16 hours	10 hours	6 hours	3 hours	2 hours
Dry to recoat	16 hours	8 hours	4 hours	2 hours	1.5 hours
Maximum recoat	96 hours	48 hours	24 hours	12 hours	6 hours

## PRODUCT QUALIFICATIONS

- Compliant with USDA Incidental Food Contact Requirements
- Nuclear Service Level 2
- NFPA Class A Flame Spread

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## AVAILABILITY

Packaging Available in 1-gallon and 5-gallon kits  
 1-gallon kits have 0.8 gallons of base and 0.2 gallons of hardener  
 5- gallon kits have 4 gallons of base and 1 gallon of hardener

Product codes	AM -3	White base
	AM -9	Black base
	AM -T1	Deep Tint base*
	AM -T2	Light Tint base*
	AM -T3	Neutral Tint base*
	AM -T4	Red Tint base*
	AM -T5	High Hiding Yellow Tint base*
	AM -71	Safety Red base
	AM-81	Safety Yellow base
	AM-23	Pearl Gray base
	AM -B	Hardener (Part B)

\* Tintable using UCD V-Line colorants only.

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.

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