

# PS241W460AM

## Technical Data

System	Color	Appearance	Gloss
Polyester/Sterilcoat AM	White	Smooth finish, good flow	95 ± 5 units on 60° gloss meter
Properties			
<b>Specific Gravity</b>		<b>Coverage</b>	
Approximately 1.75		110 sq. ft./lb/1 mil	
<b>Hardness</b>		<b>Impact</b>	
2H (ASTM D3363)		160 in-lb. direct; 160 in-lb. reverse (ASTM D2794)	
<b>Salt Spray</b>		<b>Humidity</b>	
1,000 hrs -- less than 1/16" creepage over phosphate treated test panels (ASTM B 117)		1,000 hrs. -- no blistering over phosphate treated test panels (ASTM D 2247)	
<b>Antimicrobial Activity</b>		<b>Cross Hatch Adhesion</b>	
After 24 hrs > 99 % decrease in bacterial population:		4B-5B (ASTM D3359)	
<ul style="list-style-type: none"> <li>• Listeria monocytogenes</li> <li>• Staphylococcus Aureus</li> <li>• Salmonella Enteritidis</li> <li>• Escherichia Coli 0157</li> </ul>		<b>Conical Mandrel</b>	
		3/16" (ASTM D522)	
<b>Curing Instructions</b>		8 minutes at 400°F (204°C) (metal temperature)	
<b>Features</b>	<ul style="list-style-type: none"> <li>• Good application characteristics</li> <li>• Long term antimicrobial activity without effect on all other properties</li> <li>• Ph stability from Ph 1 to Ph 13</li> <li>• Good physical &amp; mechanical properties</li> <li>• Good spraying properties</li> <li>• Outdoor durability (Meets or exceeds A.A.M.A. 2603-98)</li> <li>• Recommended film thickness 2 to 3 mils</li> </ul>		
<b>Maximum Recommended Storage Temperature</b>		80°F (27°C)	
<b>Date</b>		February 4, 2008	

For further information, please refer to application recommendations, or contact your technical service representative.

*This information is given in good faith. A warranty, expressed or implied, cannot be supplied as results may vary depending on application conditions.*

Please be advised that powder coatings manufacturer Protech Chemicals Ltd recently introduced a new antimicrobial powder coatings product line; **Sterilcoat AM**. **Sterilcoat AM** is Protech's line of antimicrobial powder coatings that prevent the spread of dangerous micro-organisms and suppress the growth of mold and bacteria. **Sterilcoat AM** powder coatings can be formulated in any chemistry (indoor/outdoor applications), color, texture, gloss, etc. They display complete broad-spectrum activity against bacteria, yeasts and moulds, including antibiotic resistant bacteria (superbugs). Antibacterial test results show > 99% decrease in bacterial population after 24 hours. **Sterilcoat AM** powder coatings are washable and feature long lasting activity via controlled release of the active component.

For your information, powder coatings are currently used for numerous metal substrate applications including automotive, appliance, electrical and telecom switchgear, office furniture, store fixtures, lighting, outdoor equipment, recreational products, etc. Recent wood-product substrate applications include cabinetry, office furniture, restaurant condiment stands, shelving, and merchandise display racking.

Recommended application areas for **Sterilcoat AM** powder coatings should include the following:

- Hospitals
- Nursery furniture
- Food processing areas
- Restaurants
- Hotels
- Daycare facilities
- Public washrooms
- Retirement & nursing homes
- Locker rooms
- Schools
- Offices
- Convention centers

Please contact us to learn more about **Sterilcoat AM** powder coatings. We also invite you to visit our website at [www.protechpowder.com](http://www.protechpowder.com) to learn more about Protech and the powder coatings we manufacture.

