

Highlights

SilverSan™ antibacterial-protected powder coatings are specially formulated with silver* ionic technology. SilverSan powder coating slowly releases silver ions, which are known to inhibit the growth of bacteria on powder-coated surfaces.

In research and development since 2001 – and a proven product in the marketplace since 2007 – SilverSan powder coating with silver ionic technology is engineered for use on fitness equipment, metal furniture, home appliances, restroom accessories, air conditioning /air vents, building materials, and laboratory equipment.

*Silver is a registered pesticide with the U.S. Environmental Protection Agency (EPA), which states that pesticides are used to prevent, destroy, repel or mitigate any pest ranging from insects and animals and weeds to microorganisms such as fungi, bacteria and viruses.

Antibacterial is limited to the treated surface and does not protect against disease-causing bacteria. The use of these products does not protect users of any such treated article or others against food-borne or disease-causing bacteria, viruses, germs or other disease-causing organisms.

Product Features

Available in a wide range of colors and glosses

Exterior durability

Good chemical resistance

UL Approved



Technical Properties

Property	Test Method	Value
Color	_____	Clear
Appearance		Smooth
Gloss	ASTM D-523	Varies Depending on Base Coat
Adhesion	ASTM D-3359	100% (5B Pass)
Hardness	ASTM D-3363	2H Pencil (Eagle)
Impact Resistance	ASTM D-2794	160 In.-lbs. Direct 160 In.-lbs. Reverse
Conical Mandrel	ASTM D-522	1/8" - No Cracking
Salt Spray	ASTM B-117	1000 Hrs. Pass
Humidity	ASTM D-1735	100F, 100% RH - 1000+ hours

Film Properties were determined using 2.0 - 3.0 mils powder film over 22 gauge (0.032") cold rolled steel B1000 test panels.

Application Data

Application Type:	Electrostatic Spray
Recommended Bake:	20 Minutes at 375 °F Metal Temperature See Cure Curve PCT-050
Specific Gravity:	1.22 ± .05
Theoretical Coverage:	157 Sq. Ft. per pound at 1.0 mil
Shelf Life from Date of Manufacture (@40-60% RH):	77 °F Maximum - 12 Months

*PPG recommends that all material be used in FIFO order (first in - first out).
Materials that exceed the recommended shelf life should be tested prior to use.*

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