



# Antimicrobial\* protected powder coating



## Inhibits microbial growth on treated surfaces

PPG SILVERSAN® antimicrobial\*-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.

### The PPG Benefit



Inhibition of microbe growth remains constant even if the surface has been subjected to wear and exterior exposure



Excellent color retention  
Can be formulated in many colors in all PPG resin chemistries



Displays exceptional exterior durability in addition to its resistance to microorganisms on the coated surface



Fully reclaimable



Possesses high temperature stability (tested up to 212° F / 100° C)

### Suggested markets

General industrial

### Suggested end uses

Fitness equipment

Metal furniture and appliances

Rest room accessories

Air conditioning / air vents

Building materials

Hospital and laboratory equipment

\* Antimicrobial is limited to the treated surface to provide mold and mildew resistance on the paint film and to inhibit the growth of stain and odor-causing bacteria that may affect the surface of the coating. 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.

\*\* 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.



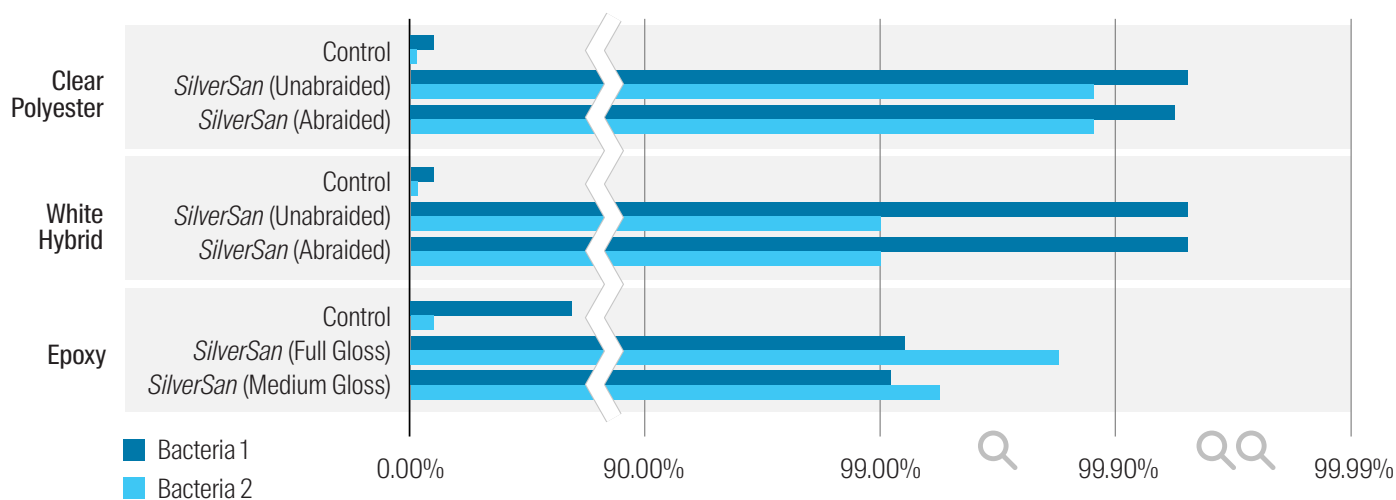
## SilverSan antimicrobial\*-protected coating performance

Time of antibacterial action (JIS Z 2801 / ISO 22196)



## Efficacy of SilverSan coatings

Percent reduction after 24 hours of initial exposure



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