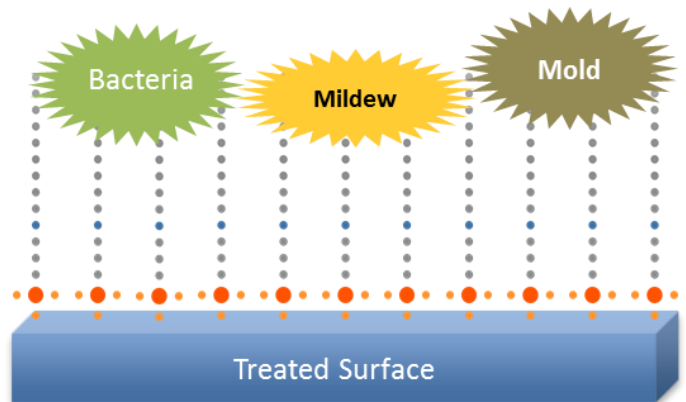


## Persistent Antimicrobial Coating Technologies

The technological advancements of the 21<sup>st</sup> century and the emergence of multi-drug resistant organisms demand new solutions to maintain and protect structures, material and people from exposure to microbes that can adversely effect our everyday environment. Nearly every environment is impacted by the presence, growth and spread of bacteria and mold. Rather than continuing to use the current environmentally insensitive and costly approaches for remediation after microbial contamination has already occurred, a proactive solution is now available that combines the strengths of existing cleaning and disinfecting processes with a new, long lasting surface antimicrobial surface treatment. The integration of these solutions into a robust hygiene control policy provides for an extra level of protection against accumulation of bacteria and mold during the periods between physical cleanings when only dust, dirt and grime are typically removed. These solutions provide an ongoing level of antimicrobial activity below the surface where traditional cleaning solutions aren't always effective.

**The Technology:** The active ingredient in the product line works by irreversibly bonding to any surface and forming a field of antimicrobial swords not visible to the naked eye. At the microscopic level, these swords attract and physically destroy surface damaging bacteria, mold and algae that can accumulate on poorly cleaned surfaces. Whether the surface is dry or wet, these swords retain their antimicrobial activity and are not washed away, even by the strongest commercial cleaning chemicals in use. Testing performed by accredited laboratories has proven these products to have antimicrobial activity against a wide variety and spectrum of microorganisms that can cause surface damage odors. Additional studies have demonstrated the product to remain bound to treated surfaces for up to a year under normal conditions, retaining its ability to prevent the growth of surface damaging microbes that cause deterioration, unpleasant odor or appearance. The active ingredient in all products is registered with the EPA and the formulated products are not harmful to the environment.



**Markets & Applications:** Product formulations can be used safely and effectively in a variety of applications, including: Athletic Facilities, Fitness Facilities, Gymnasiums; Airplanes and Airline Terminals; Agriculture & Food Processing; Commercial & Residential Buildings; Military Bases, Manufacturing and Cleanroom Facilities, Construction Sites; Correctional Facilities; Foodservice; Emergency Vehicles (EMS), Fire Engines, Police Vehicles, Prisoner Transportation; Hospitality & Travel including: Convention Centers, Casinos, Cruise Ships & Hotels; Hospitals, Medical Offices and other Healthcare Facilities; Nursing Homes, Long-term Care Facilities; Portable Housing, Restroom and Medical Facilities; Public Transportation: Taxis, Subways, Trains, Watercraft, Vessels, Recreational Facilities & Public Venues; Schools, Universities, Colleges, Childcare Facilities & Playgrounds.

**Product Features:** Antimicrobial, Long Lasting, Cost Effective, Bonds to Any Surface, Non-Leaching, Proven. SD Pro is a Treated Article under US EPA FIFRA regulations.



Using the same proprietary technology as SD Pro, SD ST is shipped ready to use and is designed to provide up to 90 days of activity.



SD Auto **Plus** combines SD Pro with liquid and dirt repellants resulting in a durable coating that lasts up to a year in every type of vehicle.



Using the same proprietary technology as SD ST, SD Auto is designed to provide up to 90 days of activity in vehicles of all types.



Using proprietary chemistries, SD Labs offers a complete line of graffiti prevention & removal and unique surface transformation solutions.