

# BIOPROTECT



BIOPROTECT is an EPA registered, water-based, antimicrobial technology that provides persistent and continuous protection. BIOPROTECT creates an invisible barrier that can be applied to both porous and non-porous surfaces to inhibit the growth of odor causing, and stain causing bacteria.

- Safe water-based formula is non-flammable
- Provides persistent, continuous, antimicrobial protection against a broad range of microbes
- Non-leaching and non-migrating
- Prevents the mutation of adaptive microorganisms
- Colorless and odorless
- Patented, EPA registered technology

BIOPROTECT's patented antimicrobial technology uses self assembling monolayers to create a field of nanospikes that mechanically kill microbes (bacterias, molds, viruses) by piercing and rupturing their cell membrane. This kill method prevents microbes from mutating and adapting inhibiting the ability for superbugs to grow.

- BIOPROTECT continuously protects the applied surface between cleanings.
- Bound technology - unlike conventional disinfectants, poisons, phenols or heavy metals, our technology performs while bound to the applied surface (substrate).
- Residual Efficacy - Unlike other antimicrobials, our product's efficacy remains for a long period of time.
- Effective Against a Broad Spectrum of Microbes.

- BIOPROTECT can be applied in or on almost any surface. A covalent bond forms with the applied substrate to ensure durability in multiple environments including water, solvents and chemicals. May be mixed with compatible products.
- BIOPROTECT is a completely water-based formulation. It is easily used by field personnel using a basic spray bottle, or a high tech spray system.
- BIOPROTECT uses ZERO Triclosan, heavy metals, arsenic, titanium, phenols or poisons.
- There is no known or anticipated risk for microbes to mutate to a SuperBug. This is due to the bound technology of BIOPROTECT. Other technologies work by "uploading" into the microorganism resulting sometimes in a mutation of the original microorganism.

BIOPROTECT vs. Leading Antimicrobial Technologies				
	BIOPROTECT	Triclosan	Silver	Copper
Effective antimicrobial technology	✓	✓	✓	✓
Non Leaching technology	✓			
Does NOT use poisons to kill microbes	✓			
Does NOT promote adaptive organisms	✓			
Safe for humans, pets & the environment	✓	Banned by the FDA in 2016		
Affordable	✓	✓		

