



Kills and Inhibits the Growth of Bacteria on Door Hardware

Locksets, Panic Devices, Panic Trim, Push Plates and More...

Bacteria resides on every surface we touch. By protecting high-touch surfaces with an antimicrobial coating, the number of bacteria that cause infections and diseases can be reduced keeping the environments where we work, live, eat and heal safer.

PDQ's AM antimicrobial coating is designed to kill and inhibit the growth of fungus, molds, algae, and harmful bacteria on door hardware. AM is durable, transparent and doesn't discolor the surface it is applied to. AM antimicrobial coating has not proven to be effective against viruses such as COVID-19 nor prevent viruses from spreading.



Where are the Best Applications for Antimicrobial Hardware?

High traffic public areas are perfect for antimicrobial coated door hardware. Adding the coating will make a big difference by killing and inhibiting the growth of germs and harmful bacteria on high-touch surfaces.

Typical applications where AM antimicrobial coating makes sense:

Education
Healthcare

Restaurants
Public Buildings

Childcare
Restrooms

Government
Food Services

Will AM antimicrobial coating prevent the spread of COVID-19 or other viruses?

COVID-19 falls into the “virus” classification of infectious diseases. AM antimicrobial coating have not proven to be effective against viruses nor prevent viruses from spreading. PDQ makes no representations or guarantees, express or implied, as to the effectiveness of the antimicrobial coating in protecting against coronavirus.

How does AM Stay on and How Long will it Last?

AM is chemically bonded to the product surface via covalent bonds. The formula is continuously effective and will not lose virulence over time. The formula is not consumed by microbes, will not easily wash off and will last for the effective life of the surface it's applied to.

Is it Safe?

The tested technology is the environmentally friendly and user-friendly antimicrobial of choice. There is no leaching of harmful toxins into the environment and AM does not use heavy metals such as lead, silver, and mercury.

How was Durability and Resistance to Cleaning Chemicals Assessed?

There is a significant amount of testing data that can be provided to demonstrate that cleaning chemistries will not pose any degradation risks. Abrasion is an issue that has many variables and we have performed a variety of tests that demonstrate strong abrasion resistance performance. Unless the acidity or basicity of the pH is enough to degrade the treated substrate, there are no issues.

How Long has the AM Product/Process been Implemented in Public Facilities?

30 plus years of safe and effective use in a wide variety of applications from locksets, surgical dressing and wraps to athletic facilities and airports.

How was Efficacy Determined in Terms of Epidemiological Control?

AM product efficacy is/has been determined via ASTM testing standards, specifically ASTM E2149-01 Standard Test Method for Determining the Antimicrobial Activity of Immobilized Antimicrobial Agents Under Dynamic Contact Conditions. AM has been subjected to a wide variety of studies that confirms it's efficacy claims.

How AM Antimicrobial Works:

- When applied to surfaces or substrates, the elements in AM create a durable, positively charged, molecular bond with the surface that will not wear off or be absorbed by other organisms.
- Harmful microbes which are negatively charged are attracted to the positively charged antimicrobial in AM. As the microbe approaches, the antimicrobial elements pierce the approaching microbe's cells.
- As the microbe is further drawn into the antimicrobial, it is electrocuted. The unique interaction is mechanical and physical, not chemical.
- Since the AM antimicrobial elements have not dissipated or been consumed by the now dead microbe cell, the active layer remains intact fully effective and ready for the next microbe cell that approaches; 24/7/365.

Antimicrobial Solutions from PDQ*



Locksets



Deadbolts



Panic Devices



Panic Trim



Door Accessories



pdqSMART

*Contact Customer Service for AM availability on specific products and surfaces.



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