



Since 2008, Colonial Bronze has utilized silver ion coatings as a way of a broad range of bacteria and microbes. Agion Technologies' silver ion-based antimicrobial agent suppresses the growth of bacteria, algae, yeast, fungi, mold and mildew on the surface of the finished product.

Agion Antimicrobial Silver ion Q & A

- What is an antimicrobial silver ion coating and how does it work?
 - The Agion antimicrobial compound is an inorganic material that contains ionic silver. Encapsulated silver ions are slowly released from the coating where they react with microorganisms on the surface of the product. This reduces the bioload of organisms and has been proven successful in controlling numerous strains of bacteria, algae, yeast, fungi, mold and mildew.
- How safe are Agion ionic silver coatings?
 - The Agion silver ion coating has been tested and proven to be safe and non-toxic.
- Does it have regulatory approvals?
 - The Agion antimicrobial has been EPA registered, NSF certified, and is even FDA approved for medical and food preparation equipment.
- How fast does it work?
 - Agion silver-ion antimicrobial works continuously to protect the treated surface. For most types of microorganisms, the level of contaminants will be gone in as little as 20 minutes.
- Is Agion silver ion coating long lasting?
 - Under normal wear and tear the coating is permanent. Agion antimicrobial protective finish should remain effective for the useful life of the product.
- What happens if the coating gets scratched?
 - Small scratches should not adversely affect the efficacy of the coating. Since the silver ions contained within the Agion antimicrobial compound are dispersed throughout the coating, the silver ions can still diffuse and migrate to the bacteria or microbes within the scratch. Wide scratches, however, may reduce the amount of silver ions available to inhibit the growth of microbes.
- Should I continue to clean my hardware?
 - The Agion silver ion coating is an additional protection to normal cleaning routines. It is not a substitute and normal cleaning is strongly encouraged.
- What is the best way to clean the Agion silver-ion coating?
 - Use a soft cloth and mild soap and water. Never use chemical or abrasive cleaner as it will remove the coating and degrade its effectiveness.