

McGuire's Plumbing Products Featuring SANIGUARD® Inorganic Antimicrobial Product Protection

- Effective method for the prevention of bacterial growth in and on plumbing fixture trim
- Treated during manufacturing process, silver-ion release technology part of product
- Inorganic antimicrobial treatment releases on contact with bacteria, retarding growth



Moisture on the inside of p-traps, sink drains and drainage piping provides an ideal breeding ground for bacteria. The bacteria colonize creating biofilm which can aspirate out of the drainage assembly. Most conventional cleaning products and procedures focus on cleaning the plumbing fixture and plumbing equipment surfaces, not the inside of the drainage assembly. The effectiveness of the cleaning process can dissipate almost immediately.

McGuire p-traps and drains treated with SANIGUARD, provide a more effective method for the prevention of bacterial growth in and on plumbing fixture trim. Treating p-traps and drains during the manufacturing process, both inside and out with SANIGUARD, allows the silver-ion release technology to become part of the manufactured product. The inorganic antimicrobial treatment releases on demand when bacteria comes in contact with a p-trap or drain, retarding bacterial growth. In order for SANIGUARD treated products to be effective, treatment should include the entire McGuire system, from the sink to the continuous waste.

www.mcguiremfg.com





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SAMPLE SPECIFICATION FOR SANIGUARD®

Ionic Silver Combats Biofilms



WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer, and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Experts in the field of microbiology say that the most effective way to prevent biofilm formation is to inhibit colonization and proliferation of bacteria, which is the primary mechanism by which antimicrobial silver combats biofilms.



Biofilm formation on the inside of a plumbing connection

SANIGUARD® Inorganic Antimicrobial

SANIGUARD antimicrobial product protection inhibits the growth of common non-public health bacteria, molds and fungi that cause odors, staining and product deterioration on treated surfaces. This product is not a disinfectant and does not protect the user or others against food-borne illnesses or disease-causing bacteria, viruses or germs. Always use proper hygiene and cleaning procedures. All metal parts shall be treated, inside and outside, with SANIGUARD antimicrobial compound.

P-trap Part # _____ SAN Offset Strainer Part # _____ SAN
Grid Drain Part # _____ SAN Continuous Waste Part # _____ SAN
Sink Strainer Part # _____ SAN ProWrap® Part # _____ SAN

SANIGUARD® Antimicrobial Product Protection

By Component Hardware Group, Lakewood, NJ

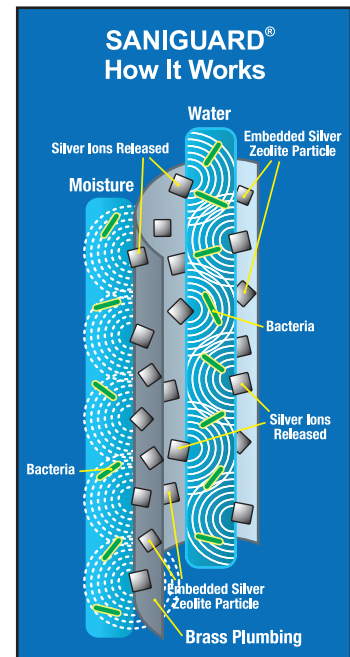
SANIGUARD antimicrobial product protection is a built-in antimicrobial treatment for metal and plastic products and coatings. When microbes come into contact with a treated product surface, SANIGUARD's inorganic, silver ion technology actively inhibits their growth by hindering cell wall transmissions, disrupting cell metabolism, and interfering with cellular reproduction.

SANIGUARD coatings and additives are effective against most common bacteria, yeasts, molds, and fungi that cause stains, odors, and product deterioration. In addition, applying our SANIGUARD treatment makes products easier to clean and keeps them cleaner and fresher between cleanings.

SANIGUARD treatment is silver ion-based antimicrobial material which US EPA has registered for use in a variety of products and coatings (EPA Reg. No. 71227-1-72854). The SANIGUARD treatment may be applied as a powder coating to metal substrates or mixed with plastic resins for extruding and injection molding. As a result, our SANIGUARD coatings and additives can be cost-effectively applied to many plumbing and hardware components.

SANIGUARD antimicrobial product protection is built-in to products during the manufacturing process and will not wash off or wear away. Under normal cleaning conditions, the SANIGUARD treatment will provide continuous antimicrobial product protection for the useful life of the product.

SANIGUARD antimicrobial product protection is designed to protect the product itself. It is not a disinfectant and does not protect users or others against food-borne or disease-causing microorganisms. Users should continue to maintain proper cleaning and hygienic practices.



TRI-MODAL EFFICACY

- It attacks the bacteria's cell wall.
- It starves the bacteria by altering the cell's metabolism.
- It disrupts the reproductive cycle, so the bacteria can't continue to multiply.



Learn more about McGuire's full line of SANIGUARD products.

