



# MicroShield™

ASSA ABLOY

An Added Defense Against the Growth  
of Bacteria and Other Microbes...

Right at Your Fingertips

*A new kind of safety solution from ASSA ABLOY Group door hardware manufacturers*

CORBIN RUSSWIN | SARGENT | YALE

The global leader in  
door opening solutions

# Door Hardware and Infection Control

## The Challenge

To protect against the spread of bacteria and other dangerous microbes, it's important to consider the role of high touch door hardware in a publicly-used building. Visitors and occupants continuously handle door levers and exit devices. Bacteria and other microbes can live on these hardware surfaces for hours, transferring from one person to another.

## The Solution

Now door hardware, something everyone touches, can be protected against the growth of many microbes. ASSA ABLOY Group companies offer MicroShield™, an imperceptible antimicrobial hardware coating. MicroShield uses proven silver-based technology from Agion®, a leading provider of antimicrobial solutions, to stem the spread of bacteria and other microbes. MicroShield is effective against a broad range of:

- Bacteria
- Mold
- Fungi
- Algae
- Mildew

## How It Works

MicroShield is a silver-based hardware finish that continuously destroys organisms in three ways – by attacking the cell wall, interrupting metabolism and preventing reproduction.

**Effective** – Silver, the active ingredient, is an aggressive, broad-spectrum antimicrobial, even against drug-resistant strains of bacteria.

**Natural** – Silver is a naturally occurring, safe and non-toxic antimicrobial agent.

**Safe** – The finish is EPA and NSF approved and FDA listed for use in medical and food preparation equipment.

**Long-Lasting** – Controlled release mechanism ensures continuous efficacy.



## Clean Bill of Health in a Demanding Environment

Infection control personnel at Tanner Medical Center in Carrollton, Georgia (part of the Southeast's Tanner Health System) tested MicroShield in their facility and found it to be effective.

The team of specialists conducted a series of tests to establish a benchmark within their hospital setting. They measured the number of colony forming units (CFUs) on the door handle of a high traffic doorway. The results showed 26 bacterial colonies. They then replaced the door handle with one coated with MicroShield. After two weeks, they repeated the test. The front of the MicroShield door handle had no growth and the underside had one colony of growth.

"This was amazing. I highly recommend this product to control the spread of bacteria within a healthcare facility," Laboratory Technical Director Suzanne Graham wrote in her review.

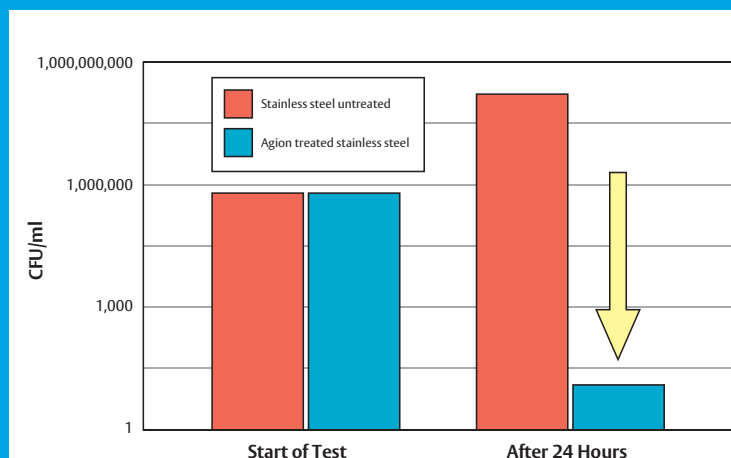
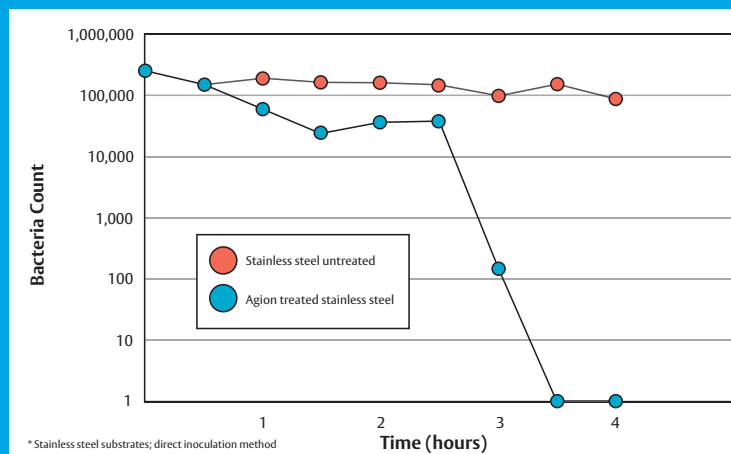
Based on this positive feedback, Tanner's facility managers have decided to phase in the MicroShield-coated hardware throughout all buildings in the Tanner Health System. The hardware coating will be included in Tanner's specification guide for all renovations and new construction.

MicroShield™ on commercial door hardware from CORBIN RUSSWIN, SARGENT and YALE:

- Stems the growth of germs
- Naturally clean and non-toxic
- Long-lasting



## Efficacy Data - Bacterial Reduction



MicroShield Efficacy: These charts show an untreated stainless steel surface versus an Agion treated stainless steel surface that has been exposed to bacteria. There is significant bacteria reduction after 24 hours. (Source: Agion Technologies, Inc.)

ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.

**ASSA ABLOY**

## An Added Level of Safety and Security

To give your doorways the best combination of security, life-safety and protection against microbial growth, MicroShield™ is available exclusively on the most durable and reliable locks, levers and exit devices, from the brands you know—CORBIN RUSSWIN, SARGENT and YALE.

These brands are part of ASSA ABLOY Door Security Solutions Canada. To learn how our traditional and innovative door and hardware solutions can help you:

- Contact your local ASSA ABLOY Door Security Solutions Canada team
- Visit [www.assaabloycanadadss.ca](http://www.assaabloycanadadss.ca)
- Visit our market-specific web sites [www.assaabloydsshealthcare.com](http://www.assaabloydsshealthcare.com) and [www.assaabloydsseducation.com](http://www.assaabloydsseducation.com)

ASSA ABLOY Door Security Solutions Canada brings you complete doorway solutions from these industry-leading brands :



**ASSA**

**Corbin  
Russwin**



**Fleming  
Baron**

**FOLGER ADAM**  
ELECTRIC DOOR CONTROLS

**hes**



**McKinney Norton RIXSON SARGENT**

**SECURITRON**



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### MicroShield™

As part of its promise to provide innovative solutions to their customers, ASSA ABLOY Group companies offer the MicroShield technology, a silver-based antimicrobial coating designed to stem the spread of germs and bacteria.

MicroShield™ is a trademark of the respective ASSA ABLOY Group company.



The Agion antimicrobial is not intended as a substitute for good hygiene. Coated products must still be cleaned to insure the surfaces will be free of destructive microbes. ASSA ABLOY makes no representations or warranties, express or implied, as to the efficacy of the Agion antimicrobial. A copy of the Agion warranty is available upon request.

Agion is a registered trademark of Agion Technologies, Inc., Wakefield, MA, USA