



MicroShield™

Hardware Finish Coating

frequently asked questions

What is MicroShield™?

MicroShield is an inorganic hardware finish coating which permanently suppresses the growth of bacteria, algae, fungus, mold and mildew. Incorporated into the *MicroShield* coating, the Agion® antimicrobial compound is a silver-based antimicrobial agent which provides an effective defense against a broad spectrum of bacteria.

Long-lasting and proven non-toxic, *MicroShield* is available on most Corbin Russwin product lines.

Where should *MicroShield* be used?

MicroShield products are ideal for use in hospitals, assisted living facilities, clinics, laboratories, offices, schools, daycare facilities – and countless other hardware applications where vigilance in the war against bacteria and mold is critical.

What is the *Agion* antimicrobial compound?

The *Agion* antimicrobial compound is an inorganic material that incorporates the natural protective properties of silver, proven to be successful in controlling the spread and growth of many types of bacteria, mold and mildew.

How does it work?

The antimicrobial compound inhibits the growth of destructive microbes by slowly releasing silver ions to the surface of the treated hardware.

Is *Agion* safe?

Yes, the *Agion* antimicrobial compound is safe and proven non-toxic. Registered with the EPA and the NSF, the *Agion* antimicrobial is even FDA-listed for use in medical and food preparation equipment.

How quickly does *MicroShield* work?

The *Agion* antimicrobial agent in *MicroShield* works constantly to protect the treated surface. For most types of microorganisms, the majority of contaminants will disappear in as little as 20 minutes.

How long will it last?

Under normal wear and tear, the *MicroShield* coating will last for the life of the hardware finish.

If the *MicroShield* coating is scratched, will the treated surface still be protected?

A small scratch will not affect the protective ability of the product. The *MicroShield* coating is still able to suppress the bacteria or microbes within the scratch as the active silver “bridges” the gap. Wider scratch patterns may reduce *MicroShield*'s ability to suppress the growth of microbes.

How do I know that *MicroShield* is still inhibiting the growth of microbes?

There are procedures which measure the ability of the *Agion* compound to continue to inhibit the growth of microbes. Information on these procedures is available upon request.



MicroShield™

Hardware Finish Coating

frequently asked questions

Does this mean that I will no longer have to clean my hardware?

No. We recommend routine cleaning with a mild detergent. The MicroShield™ coating should be considered a second line of defense in fighting bacteria, mold and mildew.

How should the product be cleaned?

Simply clean the surface of the treated product with a mild detergent and allow to air-dry or dry with a soft cloth. Harsh abrasive cleaners should be avoided to prevent coating damage.

Is anyone using this product today?

For about 7 to 8 years, stainless and carbon steel products treated with coatings similar to *MicroShield*, containing the Agion® antimicrobial compound, have been used in Japan in appliance, food and restaurant equipment. In the United States, this new antimicrobial compound is utilized in water bottles, clothing and footwear, food preparation surfaces, HVAC products and medical applications.

Corbin Russwin offers a full line of *MicroShield* coated products including mortise, cylindrical locks and exit devices.

What competitive products exist?

No comparable products on the market today offer the unique properties of the *Agion* antimicrobial compound. Other antimicrobial products use less desirable organic compounds or inferior metals. Used for centuries to store and preserve water, wine and milk, silver lends its natural protective qualities to the antimicrobial technology in *MicroShield*. Corbin Russwin is proud to offer this innovative and effective finish coating.

How do I get the product?

MicroShield is available through Corbin Russwin's authorized distributors. For additional information on how Corbin Russwin products coated with *MicroShield* can ensure the best product selection for each building's unique requirements, contact Corbin Russwin at 1-800-543-3658.



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



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.

Corbin Russwin Architectural Hardware
225 Episcopal Road Berlin, CT 06037
Phone 800-543-3658 Fax 800-447-6714
www.corbinrusswin.com

Corbin Russwin and Design® is a registered trademark of the respective ASSA ABLOY Group company. MicroShield™ and MicroShield and Design™ are trademarks of the respective ASSA ABLOY Group company. Other products' brand names may be trademarks or registered trademarks of their respective owners and are mentioned for reference purposes only. These materials are protected under U.S. copyright laws. All contents current at time of publication. Copyright ©2007, Corbin Russwin, Inc. All rights reserved. Reproduction in whole or in part without the express written permission of Corbin Russwin, Inc. is prohibited. 45046 0907