# MicroArmor



The world has changed, and we will never be able to go back to where we were even a few months ago. As schools and businesses reopen, every time we touch a door lever or pull handle, we may wonder...

"Who touched this last?" "How many people come in contact with this every day?" "When was the last time it was cleaned?"

Introducing MicroArmor<sup>™</sup> Antimicrobial Door Hardware from INOX, a safe and effective protection that provides 24/7 continuous hygienic protection for the expected life of the hardware. Available in Satin Stainless Steel (32D), Polished Stainless Steel (32), Satin Chrome (26D), and Black (19G).

# Antimicrobial

Defining Protective Door Hardware Technology

# How Does It Work?

Unlike disinfectants, which provide a limited residual activity once the treated surface dries, INOX MicroArmor<sup>™</sup> works around the clock by disrupting a microbe's growth and reproduction in four crucial ways:

Attacking a microbe's proteins, triggering the failure of essential functions

Breaching the membrane of proteins, prompting the loss of critical nutrients Damaging a microbe's internal system by increasing its oxygen level Interfering with the DNA & genetics of a microbe, ultimately preventing its growth and reproduction

The key weapon in the MicroArmor<sup>™</sup> arsenal is silver ion technology that, infused directly with hardware coatings, provides safe, effective, and long-lasting protection against harmful microbes.



# Proven by Independent Testing JIS Z 2801

This technology is Biocidal Products Regulation (BPR) listed and EPA approved. Inox has also tested the coated material to the JIS Z 2801 standards, a critical test for antibacterial activity and efficacy. **To pass this test, the coating has to be 99.9% effective.** 

#### Antimicrobial Test For INOX <sup>®</sup> products

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#### JIS Z2801

Japanese Industrial Standard Antibacterial Products – Test for antibacterial activity and efficacy

## JIS Z2801

INOX Antimicrobial Coating successfully passed the test by destroying and inhibiting 99.99% of the bacterial. Test conducted by independent Lab

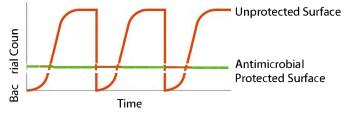
#### **Benefits of INOX Antimicrobia**

Even with regular cleaning, a surface without antimicrobial coating begins to be infected with bacteria almost immediately, microbes that are passed on with every touch. A surface infused with MicroArmor<sup>™</sup> keeps microbes at bay between cleanings and is easily cleaned with simple soap and water.



This graph shows how the bacterial count spikes up in between cleanings (red lines), as opposed to how MicroArmor<sup>™</sup> inhibits those spikes (green line).

MicroArmor<sup>™</sup> keeps the product cleaner between cleanings!



Red Line - periodic disinfection of an untreated surface Green Line - effect of a treated surface preventing organism growth

# Put INOX MicroArmor™ to Work

Inox MicroArmor<sup>™</sup> is available across our entire product line for every application you need, in Satin Stainless Steel (32D), Satin Chrome (26D), and Black (19G), with other finishes available soon. You will notice a slight sheen on the finish to which MicroArmor<sup>™</sup> has been infused.

We are offering the most commonly used door hardware in the following categories:

#### COMMERCIAL

Commercial grade hardware; used in hospitals, schools, offices, retail stores, restaurants, bars, coffee shops

#### HOSPITALITY

Decorative hardware; used in hotels, salons, clubs

**RESIDENTIAL** Decorative Locks for homes



# Q&A

#### Q: What's the warranty?

A: INOX warrants MicroArmor for two years for commercial applications and ten years for residential.

#### Q: How to order/specify?

A: To specify or order MicroArmor™, add AM to the end of a product code (for example, BL0710-26D-AM).

#### Q: Is MicroArmor in stock?

A: MicroArmor is made to order, but the turnaround time is generally 1-2 weeks. For large orders and projects, contact our Sales Department for lead time.

#### Q: What finishes are available?

A: INDX product in 26D Satin Chrome, 32D Satin Stainless Steel, 32 Polished Stainless Steel, and 19G Black are available.

#### Q: How to clean?

A: Harsh abrasives should never be used; simple soap and water or a mild detergent can be used as necessary to keep the hardware clean and beautiful and MicroArmor<sup>™</sup> at full strength protecting your home or business.

#### Q: Can we order MicroArmor on other manufacturers' products?

A: Absolutely! MicroArmor can be applied to other manufacturers' products, or INOX can be retrofit into an existing project.

#### Q: Where is it made?

A: MicroArmor<sup>™</sup> is manufactured in the USA at our California facility.



### **UNISON HARDWARE INC.**

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