





STANLEY®
Security Solutions

UltraShield™

ANTIMICROBIAL
PROTECTED
DOOR HARDWARE

STANLEY SECURITY SOLUTIONS ULTRASHIELD™ ANTIMICROBIAL PROTECTED COATING

UltraShield™

- Safe - naturally occurring silver
- Durable – Lasts the life of the product
- Effective – On guard 24/7 inhibits microbe growth

Recommended applications:

Stanley's UltraShield™ option is recommended for use on any hardware application where product cleanliness is a high priority.

- Hospital / Healthcare
- Elderly Care
- Education
- Transportation
- Food-Service
- Hospitality

Available Finishes:

**626AM – Satin Chrome Plated with UltraShield antimicrobial protected coating*

**630AM – Satin Stainless Steel with UltraShield antimicrobial protected coating*

*The 626AM and 630AM antimicrobial protected finishes may vary from the ANSI/BHMA standard. Please consult factory for details.

Powered by

agion
Nature's antimicrobial

Protecting the Product Against Unseen Microbes

Most Facility Managers face a myriad of concerns that require a host of products designed to maximize security. But there's a growing awareness that just protecting against the common physical threats to security is no longer enough to ensure a safe environment.

Independent studies have confirmed that maintaining a secure environment against the unseen world of bacteria and other microbes is of prominent concern. As a premier security solutions provider, Stanley Security Solutions now offers a comprehensive measure to provide continuous, 24/7 protection against the growth of microbes on a wide range of its security products.

Stanley's portfolio incorporates an optional finish coating called UltraShield™. This enhanced finish is a result of Stanley's partnership with Agion Technologies, a leader in antimicrobial technology. Agion's antimicrobial agent carries a Cradle To Cradle third-party certification as an environmentally-friendly product.

The Stanley Security Solutions UltraShield finish inhibits the growth of bacteria and other microbes on the surface of the hardware.

STANLEY BEST ACCESS SYSTEMS

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How UltraShield™ Antimicrobial Protected Coating Works

The UltraShield protected coating incorporates a naturally-occurring silver ion exchange that creates a sanitary surface. In doing so, the microbe food and oxygen supplies are eliminated, effectively producing a long-lasting product protection. The silver ion exchange occurs only on demand when destructive microbes are present as shown in figure1. The UltraShield protection is durable and is on guard 24/7.

Figure 2 shows the ion exchange process. Zeolite crystals containing silver ions are randomly oriented and distributed through the surface of the coating. In conditions that support bacterial growth, positive ions, in ambient moisture, exchange with silver ions at reversible bonding sites on the zeolite. The exchanged silver ions are now available to control microbial growth.

Fighting microbes in three ways

Silver ions attack multiple targets in the microbe to prevent it from growing to a destructive population. This action fights cell growth in three ways:

1. Prevents respiration by inhibiting transport functions in the cell wall
2. Inhibits cell division (reproduction)
3. Disrupts cell metabolism

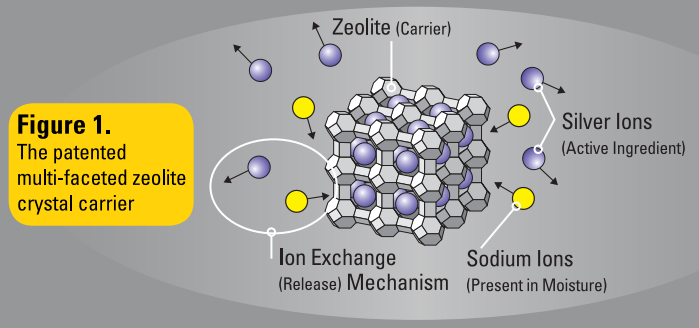


Figure 1.
The patented multi-faceted zeolite crystal carrier

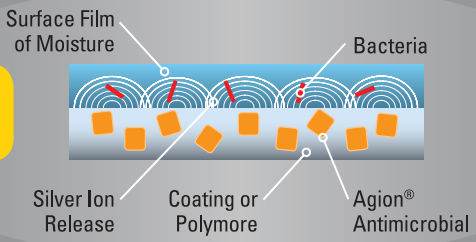


Figure 2.
The ion exchange process

Depending on the microorganism, Agion's antimicrobial technology has been shown to initially reduce microbial populate ions within minutes to hours while maintaining optimal performance for years.





Brand	Product Series	UltraShield™ Protected Coating
BEST® Locks	8K, 9K, 40H, 8T, 7T	Knobs, levers, roses, thumb-turn and/or escutcheons and keypads
Precision Hardware Exit Device and Trim	2000	Active case cover, touchbar, hinge & lock-side filler, channel and end cap
	1700, 2000, 2900, 4800	Knobs, levers, thumb-piece and escutcheons

Consult product catalog for complete nomenclature details



Stanley Security Solutions offers one of the world's most comprehensive lines of services, industry-leading products and cutting-edge technologies. With a powerful portfolio of top security brands and services specialized to meet customer needs, we deliver complete, customized solutions to any size facility. Our integrated team of 7,500+ employees, over 225 divisional offices and more than 1,000 mobile technicians, provide an outstanding level of system support and customer service. Our experts stand ready to respond to your needs 24 hours a day, 7 days a week.

UltraShield™ protection is limited to the product's surface and is not meant to be a substitute for good hygiene. Stanley recommends instituting and maintaining a thorough cleaning regimen of all your door hardware.

STANLEY®
Security Solutions

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