

Antimicrobial Protected Door Hardware

We make access in life smart and secure.

dormakaba

Protecting product from unseen microbes



- **Safe** – Unobtrusive silver protection
- **Durable** – Lasts the life of the product
- **Effective** – On guard 24/7 inhibits microbe growth

Recommended Applications:

dormakaba'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

***630AM** – Sation 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.

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, dormakaba now offers a comprehensive measure to provide continuous, 24/7 protection against the growth of microbes on a wide range of its security products.

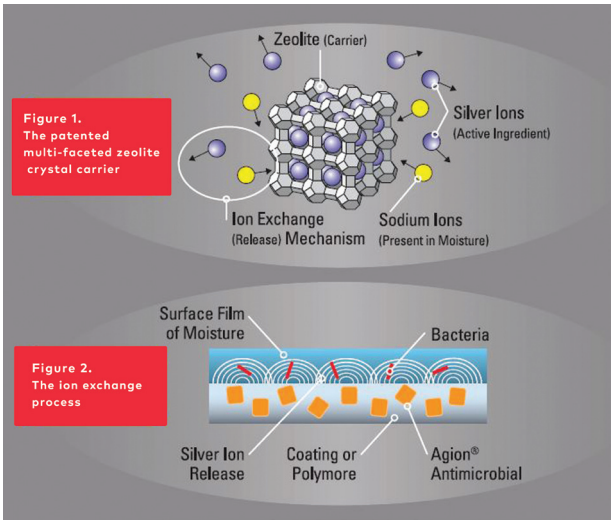
dormakaba's portfolio incorporates an optional finish coating called UltraShield. This enhanced finish is a result of dormakaba's partnership with Agion Technologies, a leader in antimicrobial technology.

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

How UltraShield Antimicrobial protected coating works

The UltraShield protected coating incorporates a silver ion exchange that promotes a clean surface. In doing so, the microbe food and oxygen protection. The silver ion exchange occurs only on demand when microbes are present as show in figure 1. 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 attach multiple targets in the microbe to prevent it from growing. 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

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.



BEST 9K Series Heavy Duty Cylindrical Locks

Door Hardware

- BEST 9K Series
- BEST 8K Series
- BEST 40H Series
- Renew
- SPSL
- Dorma D900
- PHI2000
- Dorma 9000
- Dorma 8000

Electronic Access & Data

- BEST Wi-Q
- BEST Shelter 9KX Cylindrical Lockset
- BEST Shelter 45HX Mortise Lockset

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 microbes. dormakaba 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.

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