



HARDWARE MADE WITH BACTERICIDAL COPPER



**DID  
YOU  
KNOW?**

The door handle of a public facility can be touched several thousand times per day. That is thousands of opportunities to transfer bacteria and infectious diseases. In hospitals alone, there are **over 103,000** *Hospital Acquired Infections* (HAIs) reported every year!

Trimco can help minimize infectious bacteria\* in your facility through our Healthy Hardware™ portfolio of products made with CuVerro® bactericidal copper alloy surfaces.

## WHY USE TRIMCO'S HEALTHY HARDWARE™?

Hospital Acquired Infections (HAI) number over 103,000 cases per year nationally. Combined with home and school acquired infections, the total rises to over 2 million every year causing lost work days and absenteeism. The cost of treatment of those occurrences is estimated between \$35 and \$45 billion dollars annually and is rising. EPA tests conducted using Good Laboratory Practices demonstrate the effectiveness of copper alloys against bacteria\* that cause infection. Trimco is a pioneer and innovator in copper door hardware with the Healthy Hardware™ line of door trim and engineered products.

Hospital Acquired Infections  
Place a Heavy Toll on Society

HOSPITAL ACQUIRED INFECTIONS ARE THE  
**4TH LEADING CAUSE OF DEATH**

**2 MILLION** TOTAL INFECTIONS PER YEAR  
IN THE U.S.

**100,000 DEATHS** ANNUALLY IN THE U.S.

COSTING **\$45 BILLION**

PATIENTS WITH INFECTIONS ARE  
**TWICE AS LIKELY TO DIE**

## HOW DOES COPPER HELP TRIMCO'S HEALTHY HARDWARE™ WORK?

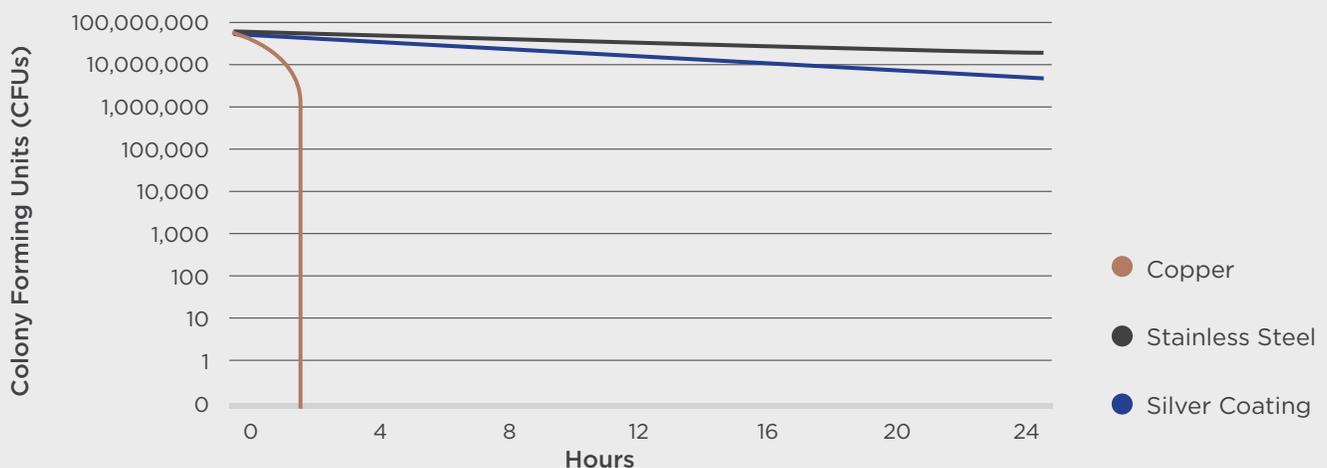
Trimco's Healthy Hardware™ products are manufactured with CuVerro® bactericidal copper alloys that are registered with the U.S. Environmental Protection Agency (EPA). When cleaned regularly, CuVerro® surfaces have been proven to kill 99.9% of the most virulent bacteria\* like e-Coli, MRSA and Staph. CuVerro® is not a coating, but a solid copper-based alloy with inherent bactericidal properties that will last for the life of the product.

### Benefits of using Trimco's Healthy Hardware™:

- Kills 99.9% of bacteria\* in 2 hours.
- Not a coating and won't wear off! Will continue to kill bacteria\* for the lifetime of the product.
- Looks like stainless steel to match other hardware products.
- Wide range of hardware and touch surfaces available.
- Made in the U.S.A.
- "Green" product comprised of pre and post-consumer recycled materials.

### MRSA Survival on Copper, Stainless Steel and Silver-Coated Surfaces

At 68°F-95°F & 20%-50% Relative Humidity



**TRIMCO OFFERS A WIDE RANGE OF HEALTHY HARDWARE™  
PRODUCTS FOR RETROFIT AND NEW CONSTRUCTION, INCLUDING:**

Push/Pull  
Plates



Straight and  
Offset Pulls



Surface Bolts  
& Cremone Bolts



Hospital Push/Pull  
Latchsets



Flush Pulls



Edge Guards



ADA Pocket  
Door Pulls



Exit Device Covers



Full Length  
Door Pulls



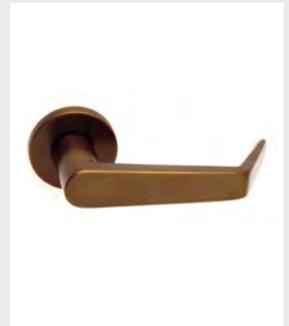
Push/Pull Bar Sets



Custom Products



Mortise Levers and  
Escutcheons



**PUBLIC**



**EDUCATION**



**HEALTHCARE**



**RESTAURANTS**



**Many other products are also available. Call us to discuss your project needs.**



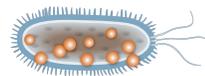
## WHO IS TRIMCO?

Trimco is an industry leader in high-performing security and protection hardware for government, commercial and institutional buildings. For over 65 years, Trimco has manufactured the broadest array of proprietary engineered functional trim products in the industry. Trimco is an independent and family-owned business headquartered in Los Angeles, California. With a fully integrated sand casting foundry and complete manufacturing capabilities, Trimco manufactures a wide range of Healthy Hardware™ products for any application.

### Antimicrobial Copper Surfaces vs. Silver Coatings Under Real World Test Conditions

	HEALTHY HARDWARE™	SILVER-CONTAINING COATINGS
KILLS 99.9% OF BACTERIA* IN 2 HOURS OR LESS	YES	NO
LEGALLY PERMITTED TO MAKE PUBLIC HEALTH CLAIMS	YES	NO
DURABLE, LIFETIME EFFICACY (NEVER WEARS AWAY)	YES	NO
EFFECTIVE IN TYPICAL INDOOR ENVIRONMENTS	YES	NO
100% RECYCLABLE	YES	NO
CONTINUALLY KILLS BACTERIA* 24/7	YES	NO

### How Does Copper Kill Bacteria?



1. Copper ions on the surface are recognized as an essential nutrient and enter the cell.



2. A lethal dose of copper ions interferes with normal cell functions and membrane integrity.



3. Copper ions impede cell respiration/metabolism, sometimes causing DNA damage.

\*Laboratory testing shows that, when cleaned regularly, CuVerro surfaces kill greater than 99.9% of the following bacteria within 2 hours of exposure: Methicillin-Resistant Staphylococcus aureus (MRSA), Staphylococcus aureus, Enterobacter aerogenes, Pseudomonas aeruginosa, E. coli O157:H7, and Vancomycin-Resistant Enterococcus faecalis (VRE).

The use of CuVerro® bactericidal copper products is a supplement to and not a substitute for standard infection control practices; users must continue to follow all current infection control practices, including those practices related to cleaning and disinfection of environmental surfaces. This surface has been shown to reduce microbial contamination, but it does not necessarily prevent cross contamination. CuVerro® is a registered trademark of GBC Metals, LLC and is used with permission (TR-0002-1509). See [www.CuVerro.com](http://www.CuVerro.com) for more details.



Visit [www.TrimcoHardware.com](http://www.TrimcoHardware.com) for the most up-to-date product information.

323-262-4191



Copper Development Association Inc.



**CHAIR**  
Coalition for Healthcare  
Acquired Infection Reduction

