

How Does It Work?

Unlike disinfectants, which provide a limited residual activity once the treated surface dries, HUACI's Anti Microbial coating 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

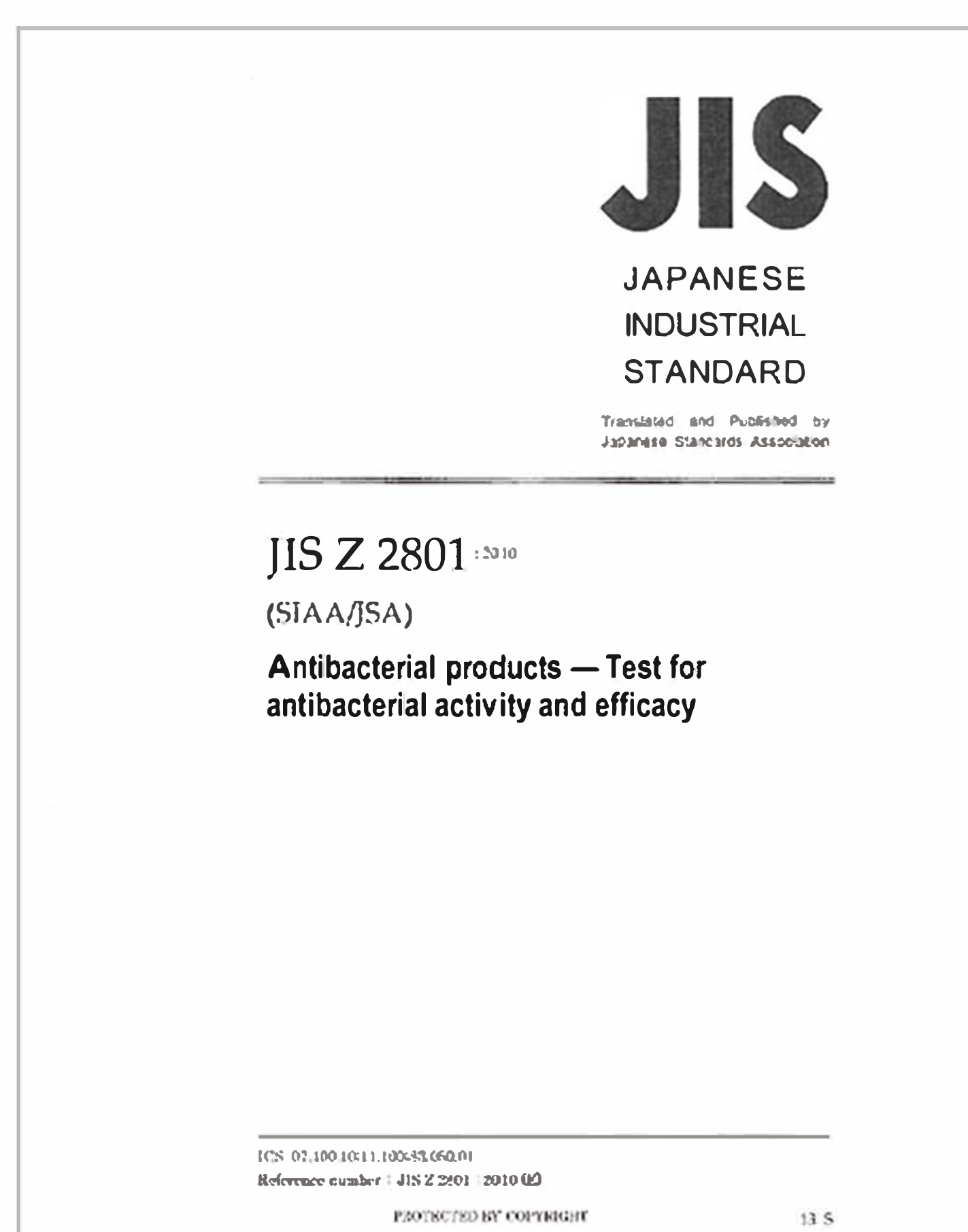
The key weapon in the arsenal is Silver Ion Technology that infused directly with hardware coatings, provides safe, effective, and long-lasting protection against harmful microbes .



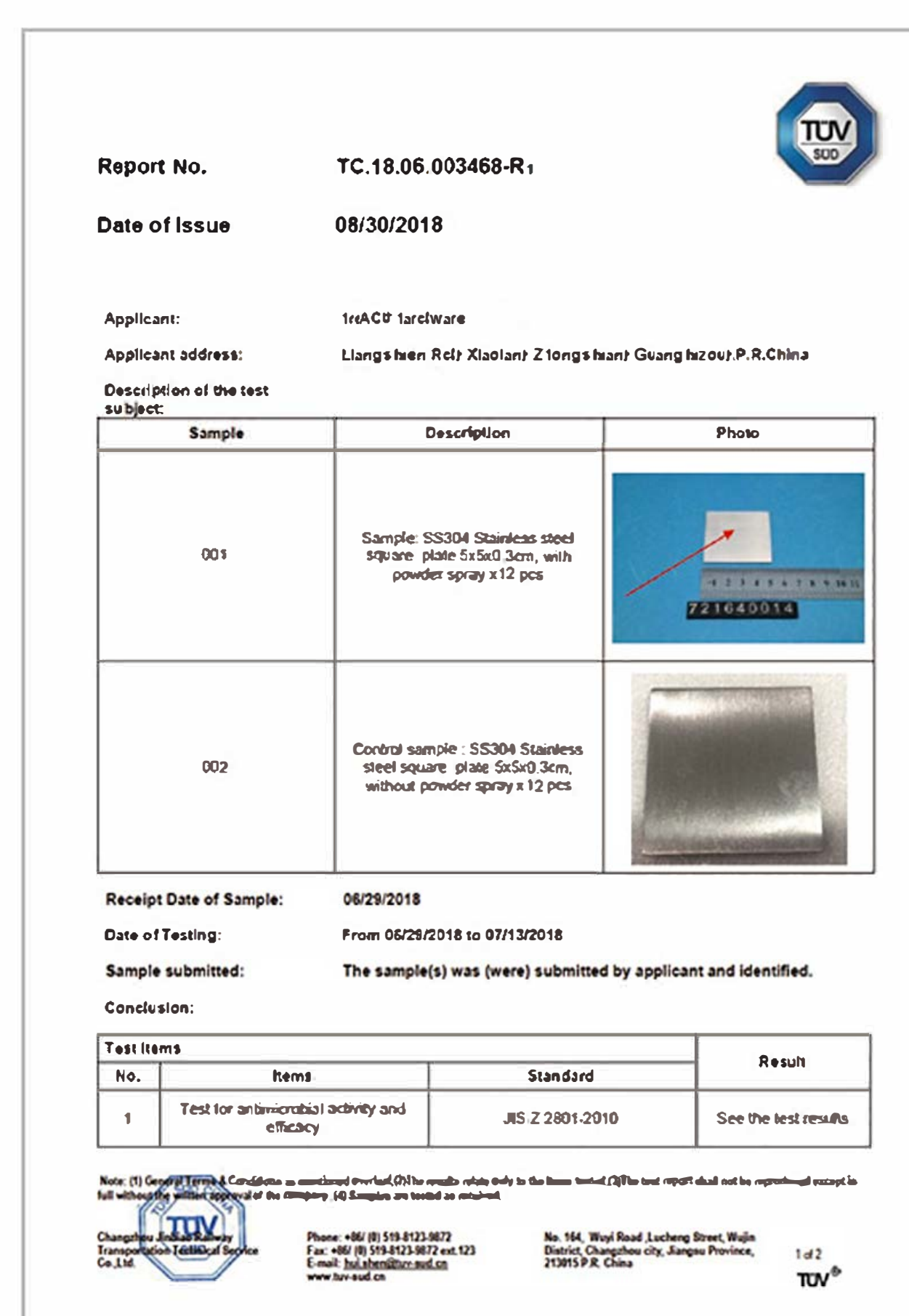
Proven by Independent Testing JIS Z 2801

This technology is Biocidal Products Regulation (BPR) listed and EPA approved. HUACI 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.**

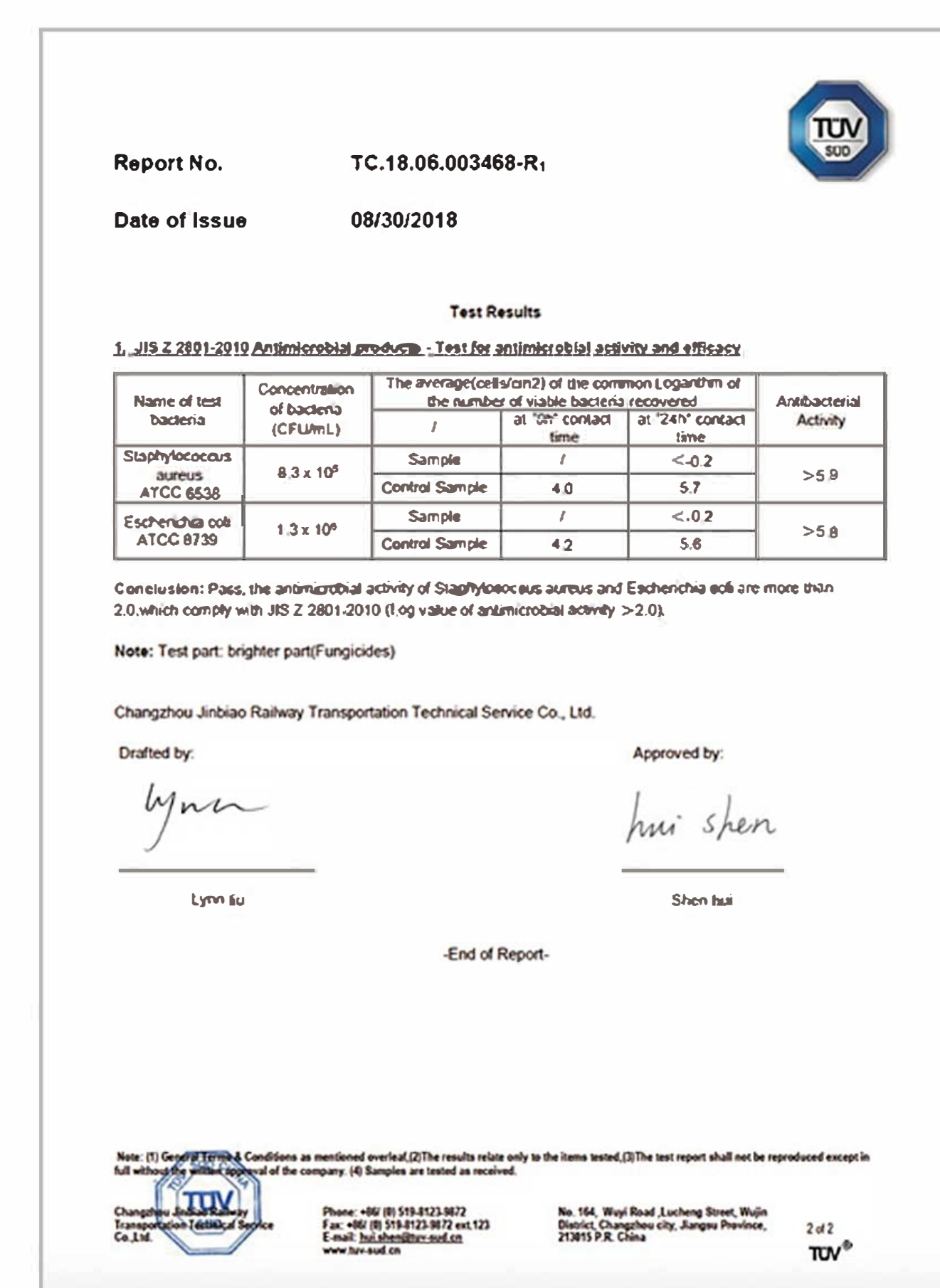
Antimicrobial Test For HUACI products



JIS Z2801
Japanese Industrial Standard
Antibacterial Products – Test for
antibacterial activity and efficacy

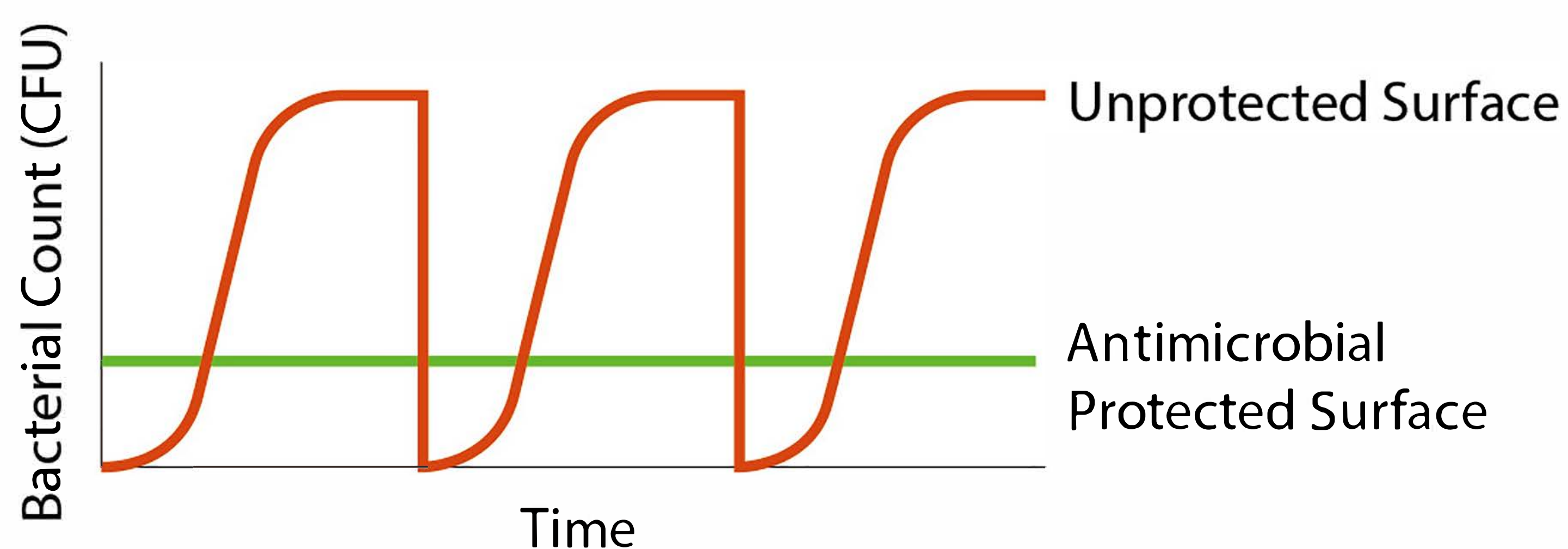


JIS Z2801
HUACI Antimicrobial Coating successfully passed the test
by destroying and inhibiting 99.99% of the bacterial.
Test conducted by independent Lab



Benefits of Unity's Antimicrobial Coating

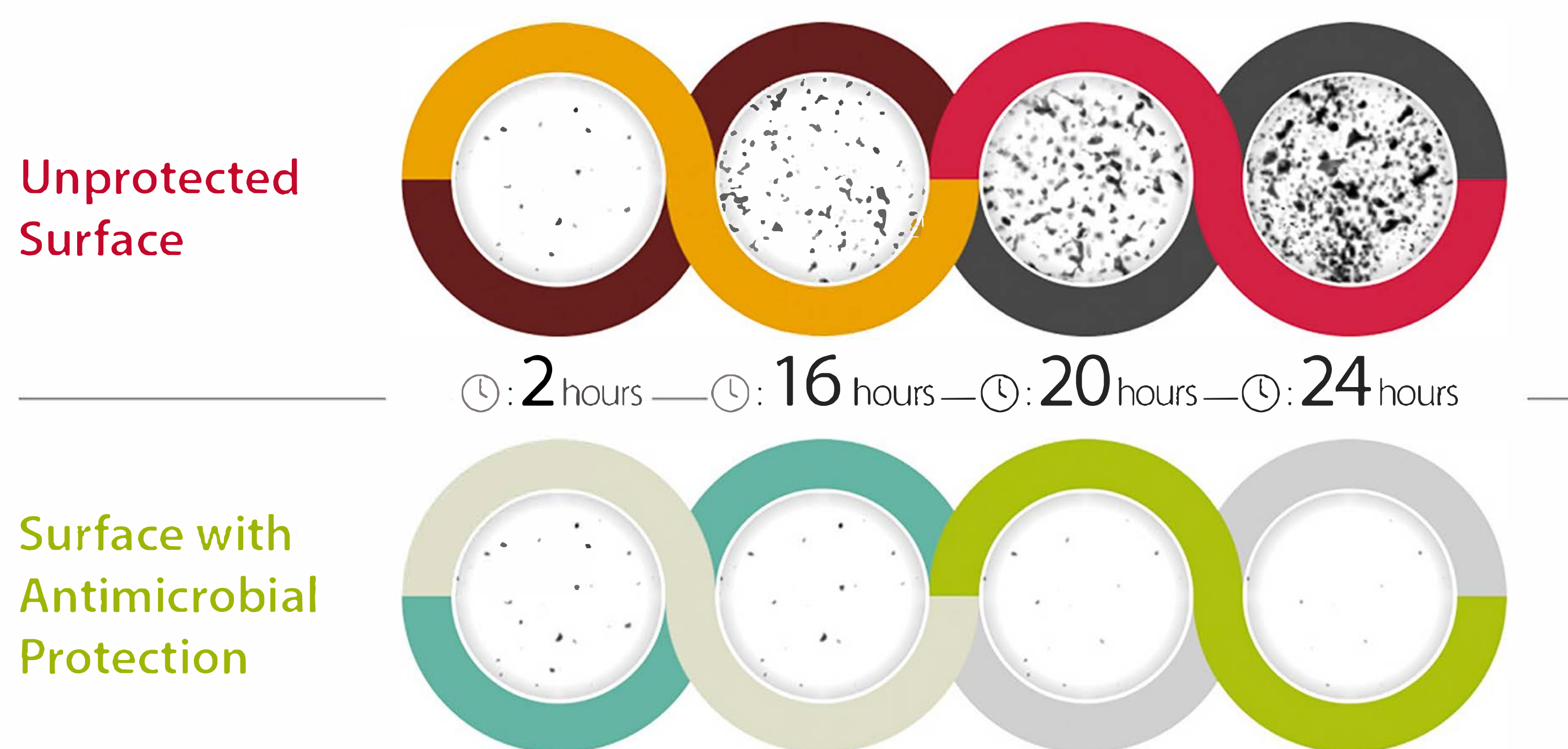
Makes a Product Cleaner In-between Cleanings



Red Line - periodic disinfection of an untreated surface

Green Line - effect of a treated surface preventing organism growth

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. Antimicrobial keeps microbes at bay between cleanings and is easily cleaned with simple soap and water.



Product Application

The near transparent Anti Microbial coating finish blends into its original architectural surface appearance and specification requirement. Unity's Anti Microbial solution is available across our product line for every application in Satin Stainless Steel (32D) and Polished Stainless Steel (32), and other finishes available upon request.

We are offering the coating on commonly used door hardware and we can also apply the coating on customized items.

