

# Anti-bacterial Coating



# Antibacterial Performance of Ceramic Coating Microsilver

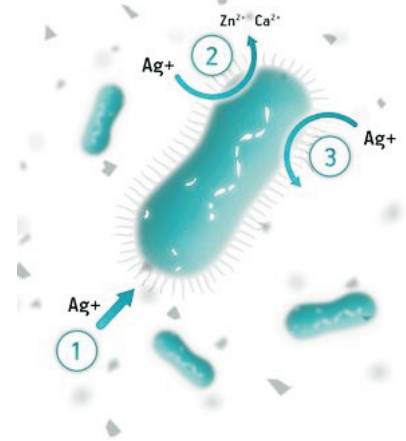
## 1. Antibacterial

Adding the special antibacterial factor which can inhibit microbial growth and reproduction on the surface.

The coating anti-bacterial series utilizes the combination of Microsilver, photo-catalyst and other relating technologies as the catalysts to prevent the propagation of bacterial on the coated surface. Its effectiveness is consistent 99.9% and its anti-bacterial function will stay extremely long period of time.

The coating is test by SGS according to HG/T3950-2007, ISO22196:2011, JIS Z2801:2000, ASTM 2180-2018

The coating can be applied to all our product.



## 2. The coating pass Rohs, LFGB, REACH.

## 3. Heat resistance

The coating is non-toxic. Dissolution tests show that the coating does not contain harmful substance which can adversely affect human health. It can keep stable at high temperature about 450°, it is nonflammable and incombustible.

## 4. Anti-scratch/Abrasion

The coating is exceptionally durable with the same stability even at high temperature. The coating has outstanding film hardness. It has minimum of 7H pencil hardness, and up to 9H for two coat system.

## 5. Color Diversity

Many difference colors.

“Chameleon” series coating can show difference color under difference angle of light

## 6. Anti-rust

The coating has a unique ceramic solution to prevent rust to occur. The specially formulated coating pass over 500 hours of salt spray test.

ISO22196:2011

JIS Z2801:2000

HG/T 3950-2007

ASTM 2180-2018

