

# Polygiene Stays Fresh

## Antimicrobial protection

### How effective is Polygiene®?

Very. Polygiene is proven to inhibit the growth of microbes by up to 99.99%.

### Is Polygiene safe?

Yes. It is based on silver ion technology, recognised for centuries with no harmful effects. Polygiene is used in medical, food and water applications.



### What's the difference between antimicrobial and antibacterial?

An antimicrobial inhibits the growth of, or destroys harmful micro-organisms such as bacteria, fungi and moulds. An antibacterial specifically prevents the growth of bacteria.

### Has Polygiene been tested?

Yes, repeatedly. Polygiene is tested to ISO standards. We also undertake on-going quality control tests and environmental trials.

### How long is Polygiene effective for?

Polygiene is effective for the intended lifetime of the product it's added to. It is built-in and doesn't wear off or leach out.

### Does Polygiene affect a product in any way?

No. You can't see, smell or even taste Polygiene.

### Can a Polygiene-treated polymer be recycled?

Yes, it can be recycled effectively without any complications.

### Is Polygiene effective against antibiotic-resistant bacteria?

Yes. Polygiene has been proven to be effective to antibiotic-resistant bacteria such as resistant *Staphylococcus aureus* (MRSA) and Vancomycin-resistant *Enterococcus* (VRE).

### Is Polygiene a substitute for regular cleaning?

No. Polygiene protects product surfaces in between cleans.



**Polygiene®**

STAYS FRESH

**DURABLE PRODUCT  
PROTECTION AGAINST  
HARMFUL BACTERIA,  
FUNGI AND MOULDS**

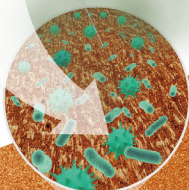
# Polygiene Stays Fresh

## Antimicrobial protection



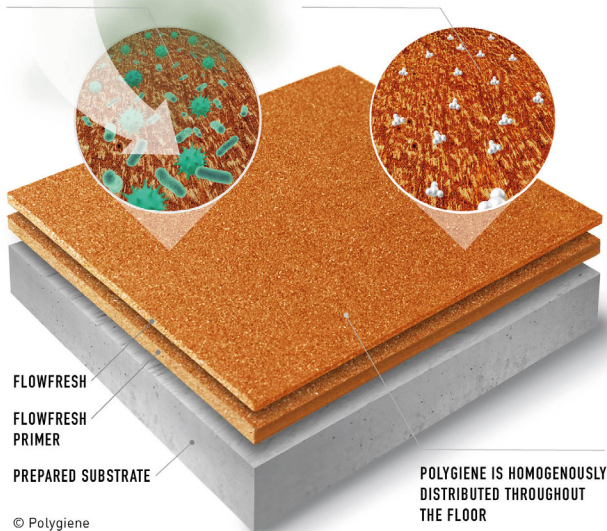
### WITHOUT POLYGIENE

MICROBES SETTLE AND MULTIPLY ON SURFACES, CAUSING DEGRADATION



### WITH POLYGIENE

SILVER IONS ACTIVELY INHIBITS ALL MICROBES AND PROTECTS THE SURFACE



FLOWFRESH

FLOWFRESH  
PRIMER

PREPARED SUBSTRATE

POLYGIENE IS HOMOGENOUSLY  
DISTRIBUTED THROUGHOUT  
THE FLOOR

© Polygiene

### Does Polygiene use nano-silver technology?

No. We don't use nano technology due to ongoing safety concerns.

### Why is Polygiene better than other silver based antimicrobial additives?

Polygiene pioneered the use of antimicrobial additives, and remains the recognised leader and most trusted supplier of antimicrobial technology for polymers, textiles, paper, paints and coatings.

### How do I know if a product is Polygiene protected?

Unless it carries the Polygiene symbol, you don't. Ask before you buy it.

bluesign<sup>®</sup>  
APPROVED

[www.polygiene.com](http://www.polygiene.com)

Use biocides safely. Always read the label and product information before use.



**Polygiene<sup>®</sup>**

STAYS FRESH