

---

### How do products with Microban® antimicrobial protection work?

Microban® protection inhibits the growth of damaging microorganisms. When microbes come in contact with a Polylast Systems surface, Microban® protection penetrates the cell wall of the microorganism and disrupts cell functions making the microorganism unable to function, grow and reproduce.

### What benefit do I get from products with Microban® antimicrobial protection?

In addition to Microban® protection continuously fighting the growth of damaging microorganisms, bacteria, mold and mildew, Microban® helps reduce odors and stains while making Polylast Systems surfaces easier to clean, and keeps them cleaner longer between washings.

### How do I know that Microban® antimicrobial product protection is safe?

Microban® is the global leader in antimicrobial technology and has undergone extensive independent laboratory testing and has a long history of safe use. Microban® is registered with the EPA for all applications in which it is used, including all Polylast Systems surfaces. Microban® additives can be found in leading consumer and industrial products around the world.

### Does Microban® protection begin working immediately?

Microban® protection begins to work as soon as the microorganism comes into contact with the product surface. It then works continuously to maintain a consistently lower bio-burden than would be expected on a product without Microban® antimicrobial protection. Under the right conditions, microbes on an unprotected surface can double in number every 20 minutes!

### How long does Microban® antimicrobial protection work?

Microban® protection is built-in during the Polylast Systems manufacturing process and will not wash off or wear away over time. Microban® protection is engineered to provide continuous antimicrobial product protection for the useful lifetime of Polylast Systems products.

---

**Below are actual photographs taken of Polylast SurfaceGuard™ with Microban®, where the samples have been inoculated with bacteria. The sample on the LEFT is UNPROTECTED and shows contamination. The sample on the RIGHT is PROTECTED and shows virtually no growth on, or around, the sample.**

