

# MICROBAN®

Antimicrobial Product Protection

## AN OVERVIEW



### What is Microban antimicrobial product protection?

Microban technology is built-in antimicrobial protection that gives products an added level of protection against microbes such as stain-and-odor causing bacteria, mold and mildew.

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

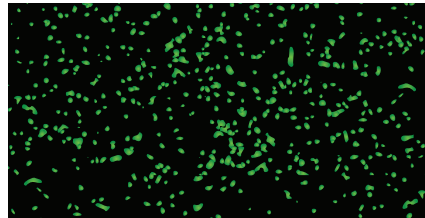
Microban protection inhibits the growth of microorganisms. When microbes come in contact with the product surface, Microban protection penetrates the cell wall of the microorganism and disrupts cell functions, making the microorganism unable to function, grow and reproduce.

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

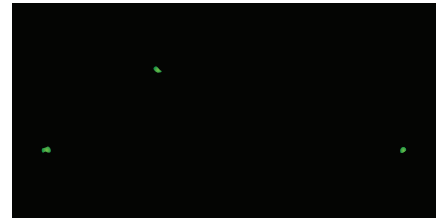
Microban protection continuously fights the growth of microbes such as odor-and stain-causing bacteria, mold and mildew. Microban protection makes products easier to clean and keeps them cleaner between cleanings.

### What types of microorganisms does Microban protection work against?

Microban antimicrobial protection is effective against most common bacteria, yeasts, molds and fungi that cause stains, odors and product degradation. Microban technology is not designed to protect users from disease-causing microorganisms.



24 Hours Unprotected



24 Hours with MICROBAN

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

Microban technology has undergone extensive independent laboratory testing and has a long history of safe use. It is registered with the EPA for all applications in which it is used. Microban additives can be found in leading consumer and industrial products around the world.

### Does this mean I don't have to clean my products as much or as carefully?

No. Microban protection provides continuous antimicrobial protection that protects the products, making them easier to clean and keeping them cleaner between cleanings. However, normal cleaning practices should be maintained.

### Does Microban protection begin working immediately?

Microban protection begins to work as soon as the microorganism comes into contact with the product surface. Under the right conditions, microbes on an untreated surface can double every 20 minutes! Microban technology is not a

disinfectant and is not a substitute for normal cleaning practices.

### How long does Microban antimicrobial protection work?

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

### Which Phifer products contain Microban antimicrobial product protection?

Most SheerWeave® interior shading fabrics; SunTex® exterior shading fabrics; Phifertex® outdoor furniture fabrics; and PetScreen® and TuffScreen® insect screening products contain Microban antimicrobial protection. For the most current list of products, please contact your Phifer customer service representative.



**PHIFER**



© MICROBAN is a registered trademark of Microban Products Company.  
© SheerWeave, SunTex, Phifertex, PetScreen and TuffScreen are registered trademarks of PHIFER INCORPORATED.  
© PHIFER INCORPORATED V20 100720 3030965