

Microban® Trademark Guidelines

The Microban trademark is available only through Microban.

The Microban trademark may only be used with prior permission from Microban, and you may be required to purchase the rights prior to using the Microban name. *Please contact Microban for details.*

Who can use the Microban trademark?

The Microban trademark is a valuable tool to clearly communicate to consumers that a powerful microorganism protection is at work. To maintain the efficacy, the Microban trademark may only be used on or in connection with products that contain Microban compounds, and the Microban trademark may not be used on or in connection with products that do not contain Microban compounds. All uses of the Microban trademark must follow the Microban International (MBI) Guidelines for Trademark Use and be preapproved by MBI. Category and territory exclusivity of the Microban trademark are possible. *Please contact Microban for details.*

Does Microban provide support for their trademark?

When you purchase the rights to use the Microban name, Microban provides full brand support including technical development, regulatory assistance, patent counsel and marketing support. *Please contact Microban for details.*

How strong is the Microban trademark?

Consumer awareness and concern about microbes is growing, and, according to a recent Gallup poll, 75 percent of consumers prefer to purchase products with antimicrobial protection. According to MBI, the Microban brand is the leader in built-in antimicrobial protection. Their Microban trademark is licensed to more than 150 companies around the world, and the Microban compounds are built into more than 750 products. *Please contact Microban for details.*

Before using the Microban name, you must contact MBI to confirm trademark rights and usage.

www.microban.com

Americas:

- Brasil +55-11-6636-4777
- Canada +1 (514) 483-5500
- USA +1 (704) 875-0806

Asia:

- China +86-755-33338039
- Hong Kong +852-37507682

Europe:

- Germany +49 6155 605-222
- Italy +39-349-122-7966
- Spain +34-973-500-087
- UK +44-1543-464070



KYDEX® sheet with Microban®:
Looks the same...but is so much more.



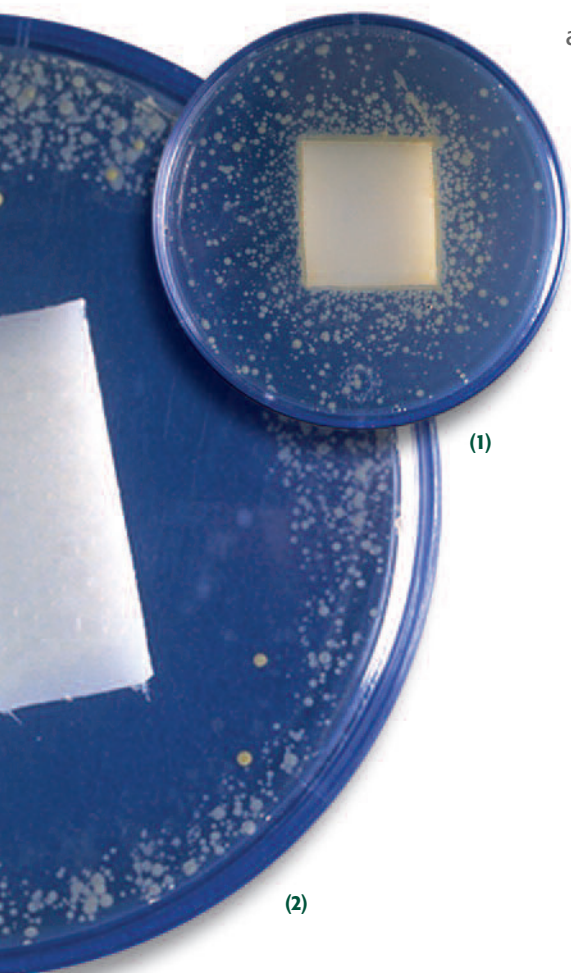
Microban® antimicrobial product protection is engineered to protect products from bacteria, mold and, in some cases, algae that can cause stains, odors and product deterioration. Microban protection is not designed to protect users from disease causing microorganisms. Antimicrobial action is limited to product surface.

The Microban International, Ltd. name and logo, the MICROBAN® trademark, and all related trademarks, product and service names, design marks and slogans are the trademarks, service marks or registered trademarks of Microban International, Ltd. and its subsidiaries. The Microban International, Ltd. name and logo, the MICROBAN® trademark, and other trademarks and trade names owned by Microban International, Ltd. and its subsidiaries may not be used in any commercial manner without the prior written consent of Microban International, Ltd.

Use of the Microban trademark may be used on packaging, advertising and promotional materials only in accordance with MBI's Guidelines for Trademark Use (as updated from time to time) and as pre-approved by MBI. For the avoidance of doubt, the Trademark may be used only on or in connection with Products that contain the Microban Compounds and may not be used on or in connection with Products that do not contain the Microban Compounds.

KYDEX®
THERMOPLASTIC SHEET
Durability By Design®

When you choose KYDEX® thermoplastic sheet with Microban® antimicrobial product protection, you receive the material you need plus market differentiation – the bacterial resistance your customers want. Like other KYDEX® sheet choices, our Microban products are versatile, durable thermoplastic materials that meet the environmental and compliance needs of the medical, aircraft, mass transit and building industries.



(1) Without Microban antimicrobial product protection
 (2) With Microban antimicrobial product protection

This information is based upon standard laboratory tests and is provided for comparative purposes to substantiate antimicrobial activity for non-public health applications. Microban product protection inhibits the growth of microorganisms that can cause stains, odors and product degradation.

KYDEX® Sheet with Microban

KYDEX® T MB: Cost competitive with fire retardant ABS/PVC (FR-ABS) formulations but with significantly higher impact strength and extensibility, this thermoplastic sheet meets UL 94 5V-O standards making it perfect for aircraft, mass transit, medical and many other applications.

KYDEX® XD MB: This sheet for flat lamination and membrane pressed applications facilitates the incorporation of compound corners, logos and wire management holes while eliminating the need for edge-banding. In addition, its integral colour and impact resistance minimises maintenance.

KYDEX® 150 MB: A proprietary thermoplastic alloy sheet used for applications that require a Class 1/A building code. Suggested uses include acoustical partitions and pre-laminated panel systems.

KYDEX® 5555 MB: Specifically formulated to meet the safety needs of the aviation industry including compliance to FAR 25.853 (a) and FAR 25.853 (d).

What is Microban?

Microban is an antimicrobial compound built in to products, like KYDEX® thermoplastic sheet, during the manufacturing process. Microban protects against microbes – like bacteria, mold, mildew, fungi and yeasts – that cause stains, odors and product deterioration. Microban does not wash off or wear away.

What are the benefits of Microban?

Microban reduces stains, odors and product degradation through its continuous fighting of microorganisms. By preventing the growth of bacteria, mold, mildew, fungi and yeasts, Microban makes products easier to clean and keeps parts fresher in between cleanings. As a result, parts with Microban are more durable and may have a longer life.

Benefits of Microban

- Reduces stains, odors, product degradation
- Makes products easier to clean
- Keeps parts fresher in between cleanings
- Results in more durable parts

How does Microban work?

Microban begins working as soon as it comes in contact with a microorganism by penetrating the cell wall of the microbe to disrupt key cell functions. The result is a microbe that can no longer function, grow or reproduce. This protection is provided continuously for the entire life of a product that contains the Microban compound.

Has Microban been tested?

Microban has been extensively tested and proven effective using the Kirby Bauer test for bacteria both in Microban microbiology and chemical analysis labs and in more than 20,000 tests at 27 independent labs around the world.

Is Microban safe?

The Microban additive is used in very low levels, measured in parts per million, and is found in products of leading consumer, industrial and medical products around the world. Microban has a long history of safe use and is registered with the United States Environmental Protection Agency for all applications for which it is used. After more than 30 years of use, there is no evidence of resistant-strain development from the incorporation of Microban.

What else do I need to know about Microban?

Microban is not a disinfectant and is not designed to protect from disease causing microorganisms, therefore Microban is not a substitute for normal cleaning practices.

If I purchase KYDEX® sheet with Microban, can I use the Microban name?

The Microban trademark may only be used with prior permission from Microban. For details, please refer to the back cover of this brochure.

KYDEX® sheet with Microban is recommended for use in settings where sanitation is vital, such as the medical device industry, in areas with high traffic, such as retail environments, and in the transportation industry where cleanliness is both a necessity and a differentiator.

To learn more about KYDEX® sheet with Microban, visit www.kydex.com/Microban.



KYDEX
 ISO 9001:2000 | ISO 14001:2004 Certified
 6685 Low Street
 Bloomsburg, PA 17815 USA
 Phone: +1.570.387.6997
 Fax: +1.570.387.8722
 info@kydex.com
www.kydex.com

Because we cannot anticipate or control the many different conditions under which this information and our products may be used, we do not guarantee the applicability or the accuracy of this information or the suitability of our products in any given situation. Users should conduct their own tests to determine the suitability of each product for their particular purposes. THE PRODUCTS DISCUSSED ARE SOLD WITHOUT WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE, EITHER EXPRESSED OR IMPLIED, EXCEPT AS PROVIDED IN OUR STANDARD TERMS AND CONDITIONS OF SALE. Buyer assumes all responsibility for loss or damage arising from the handling and use of our products, whether done in accordance with directions or not. In no event shall the supplier or the manufacturer be liable for incidental or consequential damages. Also, statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent. Consult local code and regulatory agencies for specific requirements regarding code compliance, transporting, processing, recycling and disposal of our products. Product is not intended for use as a heat resistant surface. Texture, product grade and other conditions may cause variations in appearance. KYDEX, LLC cannot and does not sell, provide or approve use of the Microban trademark, even with purchase of KYDEX® materials containing the Microban compounds. This information supersedes all previously published data.