

GROUNDBREAKING INNOVATIONS FOR PLASTICS & POLYMERS

POWERED BY
MICROBAN



WHAT IS MICROBAN TECHNOLOGY?

Microban technology is a range of advanced product protection technologies designed to inhibit microbial growth on polymers. Added during manufacturing or applied as a post-treatment coating, our innovative solutions are tailored to each product's specifications, production process, and end-use - ensuring seamless integration and exceptional efficacy.

HOW DOES IT WORK?

Microban technology works at a cellular level to continually disrupt the growth and reproduction of microorganisms. It operates a multi-modal attack, damaging the protein, cell membrane, DNA and internal systems of a microbe.

KEY PRODUCT APPLICATIONS

Microban technology can be integrated into a wide range of thermoplastic and thermoset polymers. Compatible materials include ABS, PP, PS, PE/LDPE, PVC, and PC.



Microban offers an extensive set of specialised pellet-based masterbatches for injection moulded or extruded thermoplastic polymers. We also have a variety of powder and liquid-based masterbatches for other processes such as powder coating, reaction injection moulding, cross-linked liquid applied coatings, roto-moulding, and foaming.

MASTERBATCH
PELLETS

LIQUID

POWDER

LATEST MICROBAN INNOVATIONS



AKOTECH™

Award-Winning Multifunctional Coating Platform



ASCERA™

"Inspired by Nature" Antibacterial Technology



LAPISSHIELD™

Antimicrobial Technology for Water-Based Coatings



MICROGUARD™

Antimicrobial Technology for PVC, PU and EVA Foam

BENEFITS FOR POLYMER PRODUCTS



**24/7 protection
from microbes**



**Free from heavy
metals**



**Stay cleaner
and fresher**



**Easier to
keep clean**



**Extended product
lifespan**



**Resistant to stains
and odors**



**Globally registered
technologies**



**Powered by
Microban**

LEARN MORE

Connect with Microban experts today to discover how our solutions can elevate your polymer products.

