



MICROBAN[®] H₂O SHIELD[™]

Advanced water-repellent technology solutions for textiles

Next-gen performance. PFAS-free assurance

Microban H₂O Shield is a high-performance water-repellent portfolio engineered to protect a wide range of textile applications—without the use of PFAS. Designed for both synthetic and natural fabrics, this innovative chemistry provides enduring repellency and performance, even after 20+ home launderings.



PFAS-free technology - History of safe use, and compliant with evolving global regulations.



Broad fabric compatibility - Works on multiple fiber types including polyester, cotton, nylon, and blends.



Durable water repellency - Maintains superior performance after repeated home laundering.



Anti-wicking excellence - Minimizes moisture spread - ideal for outerwear, footwear and outdoor textiles.



Cosmetic & structural protection - Multiple formulations available to address key industry pain points like chalk marks and seam strength.



Lower add-on levels - Enhanced efficiency with the WR-P pretreatment, reducing repellent usage by 15–20%.



bluesign[®] pending - This Microban partnership promotes responsible supply chain practices and minimizes environmental impact.

H₂O Shield WR-P: Performance enhancing pre-treatment

Enhance your water-repellent efficiency with H₂O Shield WR-P, a pretreatment applied during the dyeing cycle. Compatible with both natural and synthetic fibers, this advanced formula improves processing stability and final fabric performance.

- Reduces water-repellent usage by 15–20%
- Prevents yellowing and spotting
- Anionic chemistry—easy to integrate into current processes

Proven results that set you apart from the competition

H₂O Shield delivers an 80+ spray rating per AATCC TM 22, even after 20 home laundering cycles. In short, H₂O Shield meets—and often exceeds—industry benchmarks, outperforming competing DWR technologies in both durability and performance.



2.5x stronger seams than leading competitors



Significant reduction in chalk marking



Superior vertical wicking resistance



Backed by water-repellency test method AATCC TM22 and industry-standard slippage test method ASTM D1683



A trustmark brand for textile protection

Microban H₂O Shield - Advanced protection delivered. Elevate your textiles with next-level water repellency.

