

about APL

Antimicrobial Protection Layer

WHAT IS APL?

Using the same technology already used extensively throughout the healthcare environment in wall coatings, patient lighting, air pressure stabilization and suction liners, APL prevents the growth of unwanted microbes that can cause degradation, discoloration, staining or odors of the Euromex microscopes



Independent laboratory testing demonstrated a 99.99% in microbes after 24 hours

HOW DOES IT WORK?

1. The technology binds to the cell wall, disrupting growth
2. The technology interferes with the enzyme production stopping the cell producing energy
3. APL interrupts the cells DNA, preventing replication

WHY SILVER?

Silver is an element found naturally in the environment. Since ancient times silver has been highly regarded as a versatile antimicrobial tool which has health and environmental concerns. The additives we use are non-leaching and non-sensitizing

WILL APL WEAR OFF?

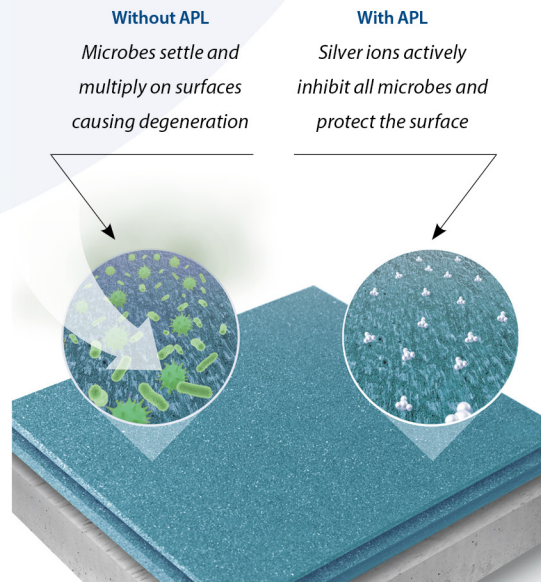
Once APL has been incorporated into a material it is essentially there to stay. Recent independent testing of a new paint range demonstrated no loss in antimicrobial performance even after 10 years of accelerated aging. Ionic silver based additives will not lose efficacy due to leaching or migration, and since they are evenly dispersed throughout the material even scratches and abrasion do not affect the antimicrobial performance

DO CLEANING PRODUCTS AFFECT APL?

APL additives are embedded into the base material or coating and are therefore unaffected by abrasion or cleaning chemicals, such as chlorine bleach, disinfectants and alcohol. Even harsh industrial products, like MEK (methyl ethyl ketone), do not diminish the antimicrobial properties of products containing APL

LAST BUT NOT LEAST

The antimicrobial technology does not protect the user or others against disease causing organisms. The technology is not a substitute for good hygiene/and or cleaning practices



APL is in no way protecting the user, the protection is for the product