

LOEWENSTEIN



What is SilverBan™

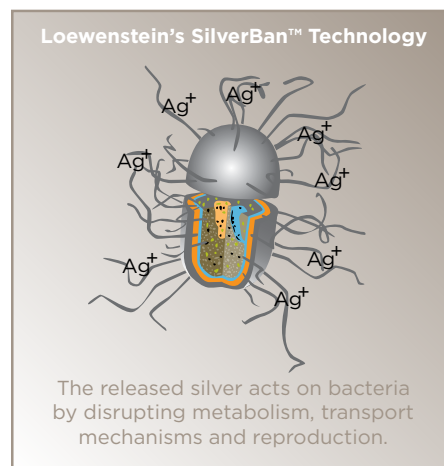
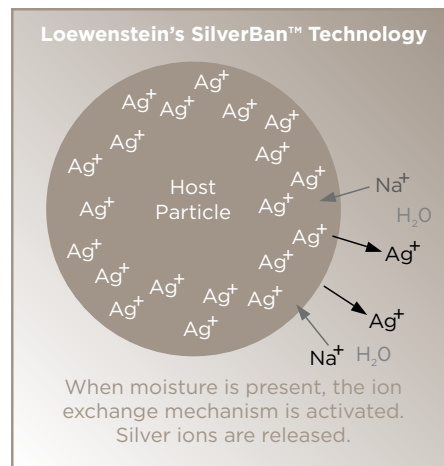
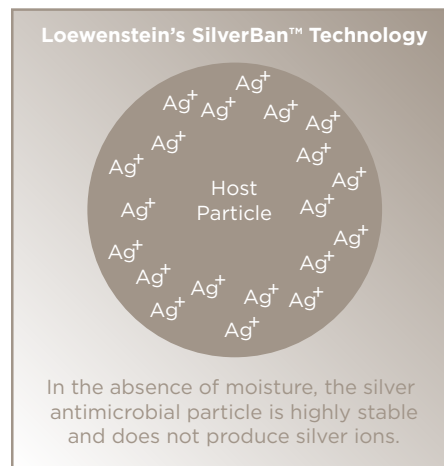
Engineers and scientists from both OFS Brands and their finish partners have collaborated to incorporate an anti-microbial into their patented Eurolux™ wood finish.

SilverBan™ technology is the next generation of antimicrobials utilizing silver ions infused into the Eurolux™ wood finish for anti-microbial protection on all exposed wood surfaces. SilverBan™ inhibits the growth of mold, mildew, fungus and bacteria on wood surfaces, as well as odors caused by bacterial growth, by 99.99%.

SilverBan™ is available on all exposed wood products from Loewenstein.

How SilverBan™ Works

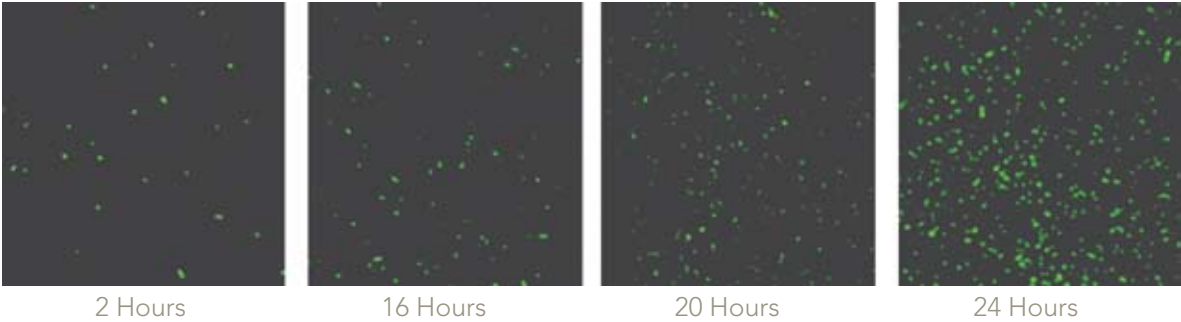
All silver antimicrobial systems function in similar ways. SilverBan™ technology works by infusing silver ions into host particles, i.e. wood finish. An ion-exchange mechanism occurs when moisture or humidity is introduced to host particles. This moisture can be found in an environments surrounding air or in the form of human perspiration, a human's sneeze, cough, etc. Ions such as sodium and potassium, which are typically found in humidity, exchange positions with the silver ions. The released silver ions are then able to act on bacteria at the surface of the treated wood by a multi-mode action of disrupting metabolism, transport mechanisms and cellular reproduction. Loewenstein's patented Eurolux™ finish serves as an excellent host for silver ions and allows efficient release of silver ions in a highly controlled manner.



Benefits of SilverBan™

SilverBan's™ unique silver antimicrobial technology represents the latest evolution of silver-based antimicrobials in the industry. Laboratory tests show that bacteria can double within 20 minutes on unprotected surfaces. Most germs can only be seen by the human eye once they have multiplied to hundreds of thousands. SilverBan™ technology immediately goes to work fighting the spread of germs and bacteria on wood surfaces. Facilities need the reassurance of fighting the spread of infections which can ultimately have a negative impact on attendance and profitability.

Unprotected Surface



Surface with SilverBan™ Antimicrobial Protection

