

# Antimicrobial Laminate

by TMI Systems Corporation



## Controlling Microbes with Antimicrobial Silver Ions

Wilsonart® antimicrobial laminates come with silver ion agents built into the laminate so it will not wear away over time.

Science proposes that contact with silver causes the outer membrane of bacteria to deteriorate and create cracks. The cell loses critical water and nutrients as the silver continues to interrupt cell metabolism. Once the outer membrane is penetrated, the cell is unable to digest nutrients or repair its damaged membrane. The microbe is no longer able to breath or multiply.

The antimicrobial action of silver, which is registered with the US-EPA, is a fundamental material property with a long history of efficacy in the health and food service industries.

## Controlling Microbes with Disinfectants

Formica® Infiniti® laminates include antimicrobial surface protection. As part of their product development, the R&D department has also tested Formica laminates to key active compound categories on the EPA approved disinfectant listing.

It is crucial that regular cleaning and sanitization measures continue to be applied to keep all antimicrobial surfaces free of dirt and grime that could obstruct performance. Antimicrobial surfaces must not be coated in any way.



Other laminate options are available. Contact TMI or your local TMI representative today for the full listing of laminate styles offered.

Visit: [www.tmisystems.com/products.html#laminare](http://www.tmisystems.com/products.html#laminare)



### Premium & HD® Laminates:

*Antimicrobial Protection\* comes standard with no up-charge or special order requirements. Premium & HD laminates are available in select colors.*

### Laminate Finishes -38 & -60:

*Antimicrobial Protection\* is available as a special option with a nominal up-charge and may incur additional factory lead time. Laminates with -38 & -60 finishes are available in select colors.*



### Infiniti® Laminates:

*Antimicrobial Protection\* comes standard with no up-charge or special order requirements. Infiniti laminates are available in select colors.*



### Aegis Secure® Laminates:

*Antimicrobial Protection\* comes standard with no up-charge or special order requirements. Aegis Secure (AS) laminates are available in select colors from Nevamar and Pionite.*

*\* Laminates available with Antimicrobial Protection that inhibits the growth of bacteria, mold and mildew that cause stains and odors.*