

NOVA SI



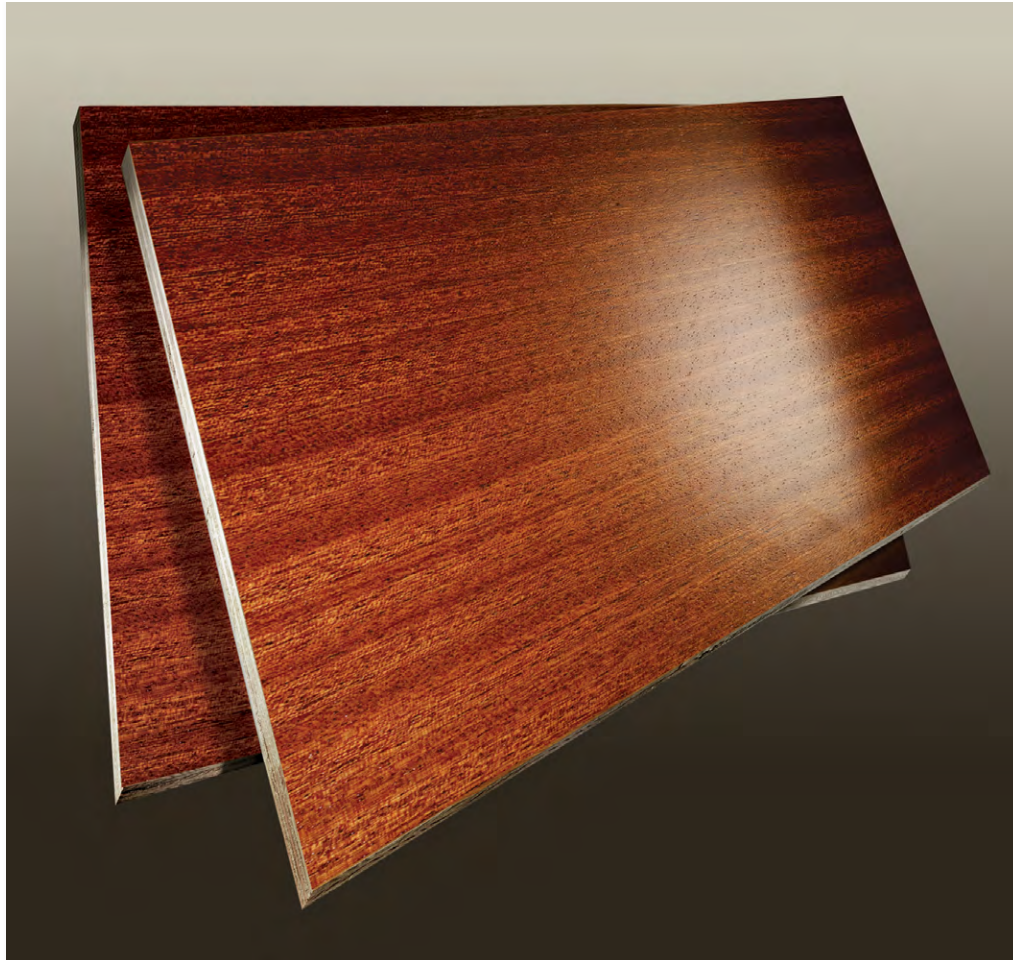
States Industries uses Silver Ion technology to deliver antimicrobial protection for hardwood panels

NOVA SI brings together the beauty of natural, eco-friendly hardwood with the science of antimicrobial silver ions to reduce the risk of infection from *E. coli*, staph and other environmental pathogens.

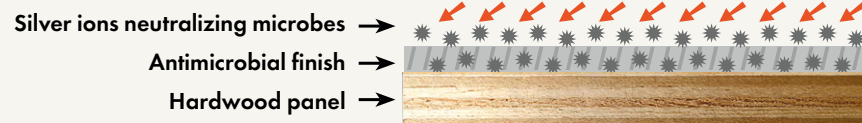
NOVA SI was developed to help guard people in long-term care facilities, hospitals and educational institutions from these and similar unseen hazards that cover the surfaces we touch every day.

How does NOVA SI work?

Inorganic silver ions in NOVA SI permeate the actual wood finish with a self decontaminating coating. This protective coating works in a unique fashion. In the presence of moisture, the silver ions are released. This disrupts cellular respiration, preventing the spread of bacterial contaminants.



99% of bacterial contamination can be prevented with silver ion antimicrobial technology



Silver Ion technology is a proven inhibitor of microbes, pathogens and bacteria

Because silver ion technology works naturally and continuously, it aids in neutralizing harmful elements. This makes it ideal for use in the manufacturing of furniture and cabinets, as well as the construction of interior architectural components. And, because the silver nanoparticles are suspended in the actual finished lacquer coating, NOVA SI panels look no different from the standard hardwood panels you rely on from States Industries.

NOVA SI prefinished panels from States Industries are offered in a wide selection of domestic and imported species and grades. All products

are available in No-Added-Formaldehyde construction. Most species can be ordered as FSC Certified.

All NOVA SI finishes are 100 percent solid, ultraviolet cured epoxy acrylate. They are free of formaldehyde and will not emit any volatile organic compounds during manufacturing or use.

To learn more about how NOVA SI can work for you, contact your area distributor or your representative from States Industries.

NOVA SI is ideal for:

- Hospitals and healthcare facilities
- Long-term care residences
- Pre-school and daycare centers
- Education facilities at every level
- Residential baths and kitchens
- Office furniture
- Retail fixtures



ASTM Test Results for E2180 Antimicrobial Standards

Sample	Time	Avg. CFU	Avg. Log CFU	Log Reduction	Percentage Reduction
Antimicrobial efficacy of test material against E.coli					
Laboratory Control	24-h	3.58 x 10 ⁶	6.55	0.31	51.49052%
Test	24-h	ND	<1	5.86	99.99986%

Antimicrobial efficacy of test material against **S.aureus**

Laboratory Control	24-h	2.64 x 10 ⁶	6.42	0.41	62.06897%
Test	24-h	2.86 x 10 ⁴	2.69	4.14	99.58914%

Percentage increase = difference between Log 10/CFU after 24-h and Log 10/CFU after 0-h ND = None Detected, <10CFU

Although NOVA SI with antimicrobial finish can inhibit the growth of various pathogens, States Industries cannot guarantee that under certain environmental conditions some microbes may not be entirely eliminated from the surface. To minimize this risk, it is essential that routine cleaning procedures be followed as indicated for your particular installation and use.