



UNIBOARD® TFL AND HPL PANELS: THE CLEAN CHOICE FOR HEALTHCARE, COMMERCIAL, AND RESIDENTIAL PROJECTS.

At Uniboard, health and safety are of utmost concern. As leaders in the industry, we have a responsibility to educate our communities, to help you make informed specifying, purchasing, and design decisions about appropriate products for the promotion of clean and healthy built environments. Uniboard Thermally Fused Laminates (TFL) and High Pressure Laminates (HPL) are the easy to clean, durable solution for helping to reduce exposure to microbes on surfaces.

WHAT THE SCIENCE SAYS

1. The chemical elements copper, silver, and zinc are the most common additives used in antimicrobial surface technology for TFL and HPL panels, to protect against mould, mildew, bacteria, and other microorganisms by inhibiting their growth. Products containing such additives are considered pesticides and must be approved by the U.S. Environmental Protection Agency (EPA) in the United States and Health Canada in Canada.
2. Some antimicrobial and antibacterial technologies made with copper, silver and zinc are NOT available in Canada because they are not approved for use by Health Canada.
3. They DO NOT kill bacteria, viruses, germs, or other disease-causing microorganisms. They have a surface material to inhibit the growth of microorganisms, thereby creating a resistant barrier on the surface.
4. According to an EPA document, antimicrobial pesticides should NOT be used on TFL or HPL surfaces that will be in direct contact with food. (ex. countertops)
5. Antimicrobial technologies DO NOT protect users or others against the COVID-19 virus.
6. According to two recent studies, the best solution to ensure a healthy and clean surface environment is frequent and effective cleaning and disinfecting of high-touch surfaces, whether at home or in the workplace. This is a proven way to control the growth of microorganisms which can live on surfaces, and can support individual and organizational resilience by reducing the spread of germs, viruses, and other harmful bacteria.

CHARACTERISTICS OF UNIBOARD® TFL AND HPL PANELS

Our TFL and HPL decorative surface panels are non-porous, making them an inhospitable environment for microorganisms to grow and live, so that they can be easily cleaned and disinfected repeatedly without damaging their design, beauty, or performance.



Strong and durable



Safe for use with most cleaning products



Non-porous, closed surface acts as a barrier to bacteria and viruses

In all cases, Uniboard recommends that TFL and HPL panels be cleaned with a disinfectant containing quaternary ammonium, or ethanol, or isopropanol, or hydrogen peroxide as the active ingredient. Always read and follow the manufacturer's label and wear hand and eye protection, when required.

For a complete list of disinfectants recommended by EPA that meet its criteria for use against SARS-CoV-2, please consult the EPA website.

DO NOT allow any cleaning product to sit for an extended time on the TFL or HPL. Surface-wipe thoroughly and with a good amount of pressure.

DO NOT use sodium hypochlorite based products (like Clorox®) or any disinfectant that contains chloride in any form on TFL or HPL surfaces.

For more information on cleaning and maintaining your TFL and HPL, please visit the Documentation Center at www.uniboard.com.

HIGH-BENEFIT APPLICATIONS

TFL and HPL panels are ideal for high-touch applications where the surface of the panel is more likely to be exposed to microorganisms.

- Residential and commercial bathrooms
- Healthcare and wellness clinics
- Hospitality and hotels
- Retail locations and offices
- Airports, schools, and institutions
- Retirement and senior living centers
- Spas, gyms, and salons

Meets BIFMA standards for resistance to cleaning products.

TECHNICAL REFERENCES

BIFMA HCF 8.1-2014 - Cleaning Guidelines for Healthcare Furniture Design, **CEH Guide:** Healthier Furniture Purchasing Guide, **CEH Webinar Slides:** Antimicrobials in Furnishings in the Time of COVID-19: What we know and don't know about their efficacy, **EPA** - Antimicrobial Pesticides, **EPA** - Pesticides Factsheets, **Government of Canada** - Cleaning and disinfecting public spaces during COVID-19, **Perkins&Will** - Understanding Antimicrobial Ingredients in Building Materials, **Well Health-Safety** - Cleaning and Sanitization Procedures

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