



antimicrobial

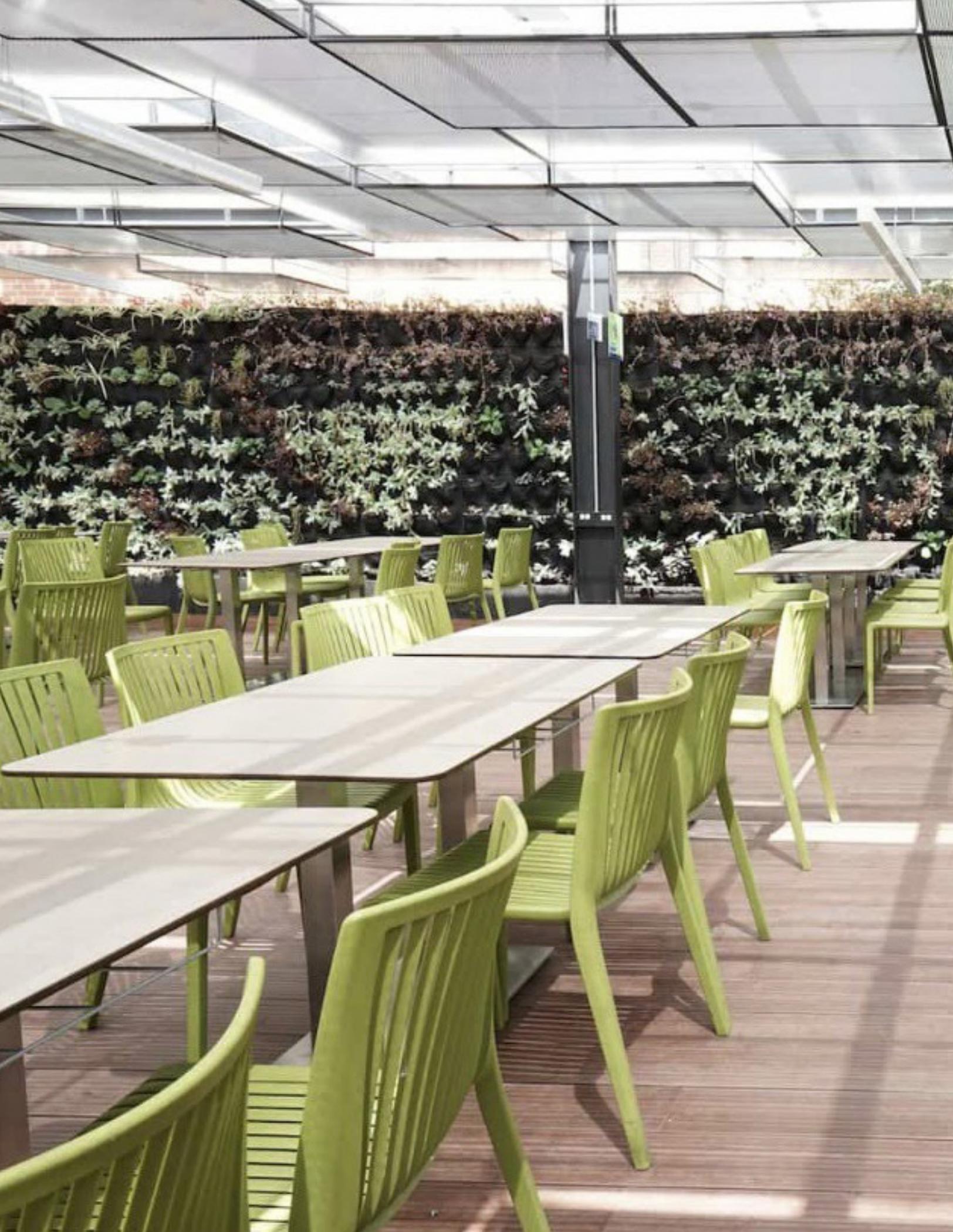
by  Lamitech

Affordable solutions for hygienic environments.

99,7%
Less microbes
Menos microbios



Lamitech





Why do we need antimicrobial surfaces?

Odor and stain causing microbes such as bacteria, mold and mildew can colonize on a product surface and greatly impact its performance. This can lead to material degradation, ultimately shortening the shelf-life of the product. Integrating antimicrobials into surfaces can help protect products from the negative effects of microbes.

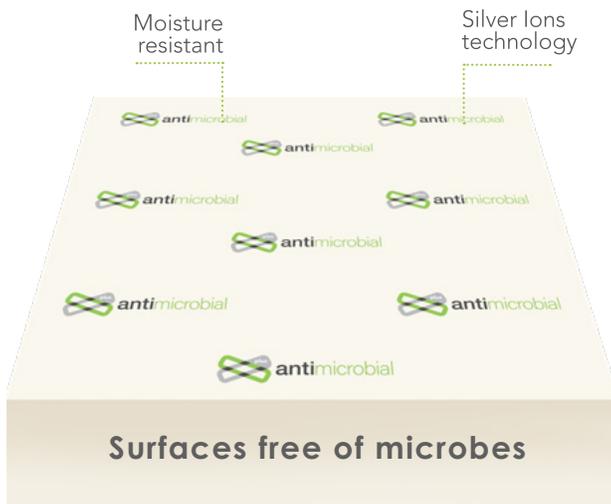
Antimicrobial technology provides product protection for our HPL range.

At Lamitech, we care about improving our products to provide the best performance possible. Our products are suitable for a range of sectors, such as Education, Commercial, Hospital, Food service surfaces, among others. We are committed to contributing the highest quality of products in both function and design. Our wide range of HPL contains silver phosphate glass antimicrobial technology to preserve the surface and prevent degradation caused by antimicrobial growth.


What does antimicrobial mean?
 'Antimicrobial' describes something that can resist the growth of microbes.

What do microbes do?
 - Reduce the lifetime of the product.
 - Cause staining on a product.
 - Cause foul smelling odors.
 - Reduce cleanliness.

Protected antimicrobial surface



Normal surface





On an unprotected surface, microbes can double in as little as 20 minutes, increasing the likelihood of bad odors from their presence.

How does silver ions technology works?

We work with BioCote®, leading antimicrobial technology provider. Lamitech antimicrobial HPL uses a technology based on silver ions that is introduced into the HPL at manufacturing stage. BioCote® irreversibly damages microbes, stopping them from reproducing and disrupting functions that are essential to life.

Benefits / Why silver ion technology?



Reduces odor and stain causing microbes, such as bacteria up to 99.7%.



Protects against mold and mildew.



Effective: it works against all bacteria, fungi and microbes, including some viruses.



Long-Lasting: Without leaching, it will not wear out or wash off.



Inert: it has no negative effect on a product's appearance.

We work with the only first and only antimicrobial solutions provider to have HACCP International certified additives. This means they have been certified as food safe and suitable additions to food contact articles used as part of a HACCP based food safety programme.



Asepsis and Hygiene for surfaces free of microbes, highly resistant to strong cleaning and disinfection products.*



Moisture resistant.



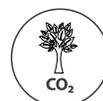
Easy to clean. Protected surfaces regardless the number of times they are cleaned.



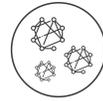
Durable surfaces.



High resistance to impact.



Carbon neutral. Lamitech laminates are produced under a system that measures, controls and balances emissions. We compensate our footprint and favor the environment.



Contributes to minimize transmission



Effective in environments and high traffic applications.



Available on our wide range of colors and designs. Please visit surfacematerials.com



Our testing method

We use the ISO 22196 method which is the most common and globally chosen test and has become the industry standard for antimicrobial hard surface performance.

This means that all surfaces produced using our laminates have the ability to inhibit the growth of odor and stain causing microbes, such as bacteria, mold and mildew, reducing by up to 99.7% after 8 hours over a 24 hour period of contact.

Under this standard the antimicrobial decorative surface is inoculated among others, with types of odor and stain causing microbes that are present in bathrooms, kitchens, food surfaces, etc.

The tests are allowed to incubate for 24 hours, after which you make a living colony count, finding that 99.7% are eliminated.



Microbes can survive on hard surfaces for many months

They can extract nutrients from materials, compromising their performance properties and causing early product failure.

Applications

Hospitals and Healthcare

- Areas where products require protection from odor and stain causing microbes in order to preserve surfaces 24 hours a day.
- Laboratories.



Microbes can cause staining that in some cases can be irreversible.



Toilet partitions

Washrooms:

- Residential
- Hotels
- Lockers
- Public Restrooms
- Fitting rooms
- Educational



Our surfaces provide **built-in protection** for the expected lifetime of your product.



Foodservice environments

Restaurants:

Public areas where food is in contact with surfaces.

- Kitchen
- Stands
- Table tops
- Catering



Our antimicrobial technology provides continuous, **around-the-clock protection** against microbial colonisation.



Corporate countertops

Office areas:

- Gym
- Offices
- Elevator cabins
- Public transport
- Schools
- Universities
- Day Care Centers
- Hotels



Kitchen and food environments



Hospital Doors and furniture



Toilet partitions, washrooms

Lamitech

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