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Lift Protect™



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Lift Protect™ ANTIMICROBIAL

We strive to create healthier, cleaner environments by implementing a revolutionary water-based antimicrobial coating. This product can be applied to almost any surface, which enables a whole new level of protection in your facility. It is tested to be effective against a wide range of viruses and bacterias, creating an inhospitable surface for these dangerous micro-organisms, keeping your facility safer for everyone.

Lift Protect™ is a next generation water-based, long-term antimicrobial coating, designed to inhibit the growth of micro-organisms for up to 90 days after application. Once the coating has dried, it forms an invisible layer of “nanospikes” that penetrates the cell membrane and destroys them. Due to these “nanospikes”, the process of elimination is mechanical and not chemical in comparison with other long term solutions such as silver and copper.

This is extremely effective in both high and low traffic areas alike. The active ingredient in the coating is ECHA (European Chemicals Agency) registered to reduce a broad spectrum of microbes. The coating can be applied to and bonds with almost any surface - porous or non-porous, metal, leather, fabric etc. For large areas **Lift Protect™** is recommended to be applied by a professionally-trained installer for maximum efficiency.



Invisible



Water-based



Color & Odorless



Proven Formula



Quaternary Ammonium
Silicone

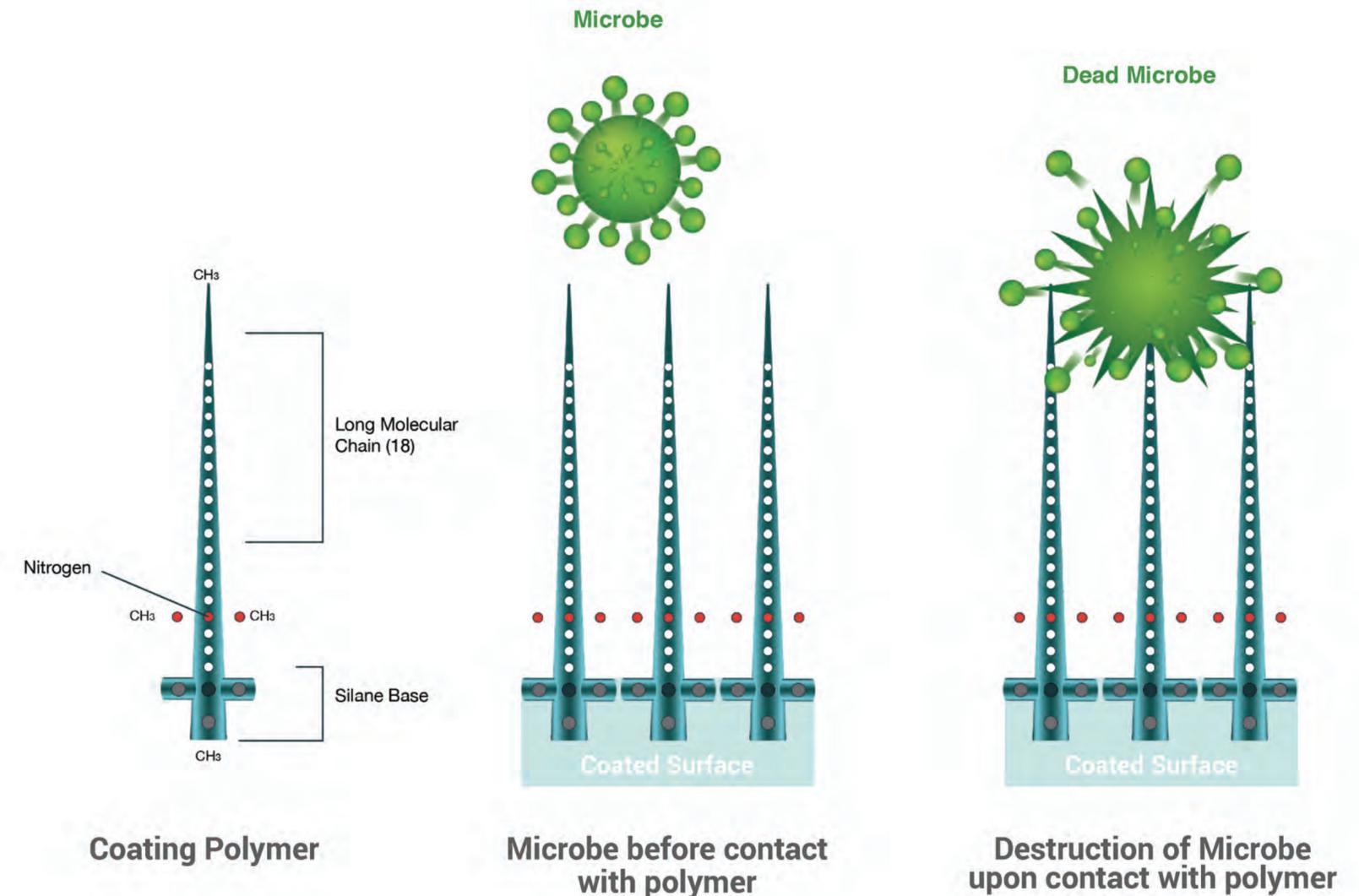
THE TECHNOLOGY

Lift Protect™ technology is based on the use of quaternary ammonium silicone compounds (“SiQAC”) as antimicrobial agents, either in solvent or in aqueous and stable solutions.

Making these compounds using a water-based system provides a host of benefits. They are non-flammable and require no solvents for dilution. They require no special handling, are uniformly dispersible on almost any surface and are simple and economical to use because of their extended shelf-life.

When the ammonium salts react with certain organosilanes they form an integrated system. Once this system is applied to any surface, it forms an invisible (one molecule deep) and durable (through ion exchange and rapid polymerization) antimicrobial protection.

Protected Surface





THE BENEFITS

This process and protection gives people peace of mind. Utilisation of this technology creates a healthier environment for us, your patients, clients and patrons without the use of harmful chemicals.

Treatment of porous and non-porous surfaces will inhibit germs, viruses, and odour causing bacterias from plaguing the treated area with germs and odours. This shows a commitment to the health and wellbeing of passengers and actively adds to the precautions being taken to reduce the spread of viruses and illnesses.

Not only does it appeal to your customers but it benefits your business as well. Fewer pathogens means few sick days for employees so your business and team will be operating at it's best more often.



Continual Sanitisation

The coating doesn't just terminate existing germs on a treated surface, it actively protects against their existence for up to 90 days at a time.



Prevents Microbe Resistance

Bacteria can become resistant to chemical cleaning products but **Lift Protect™** "nanospike" technology inhibits germs from living and growing on a surface, reducing the chance for them to adapt and mutate.



Optimal Efficacy

Protects against a vast range of viruses, bacterias, and pathogens. **Lift Protect™** is water-based, simple and effective..



Easy to Apply

Lift Protect™ is designed with our customers in mind. For large areas we recommend a professional installation, **Lift Protect™** can also be applied via a spray bottle or fogging system.



Surface Adaptability

Lift Protect™ active ingredient has been tested and proven to work on a number of porous and non-porous surfaces in a variety of environments. The bond formed provides durable surface protection that withstands routine cleaning.



ENVIRONMENTALLY ADVANCED

This new generation of antimicrobial coatings are water-based.

The coatings contain no VOC, heavy metals, formaldehyde treatment, phenol groups or odour causing agents that can lead to allergies or asthma.

ECHA REGISTERED

Our active ingredient is registered with ECHA (European Chemicals Agency) for use in almost all locations and surfaces from textile to hard non-porous surfaces.

A PROVEN TECHNOLOGY

Our active ingredient has been used for over 20 years, as an additional ingredient in the manufacturing process for a wide range of textiles, from sofas to socks worldwide.





HOW TO APPLY THE PRODUCT

The application of our commercial coating can be undertaken by anyone with the materials supplied in our kit. However, for larger areas it is recommended that the application be carried out by an **A&A** approved installer. The process to get approved by **A&A** can be done online and takes less than an hour. The installer has two installation options:

Hand Application - For Lift Cars & Small Areas

Spray it on the surface, wait three minutes, and wipe off residue with a microfibre towel.

Fogging - For Larger Areas

Mist the coating over any surface and walk away. In some cases, you might have to wipe off residue as it could leave marks on glossy black surfaces.



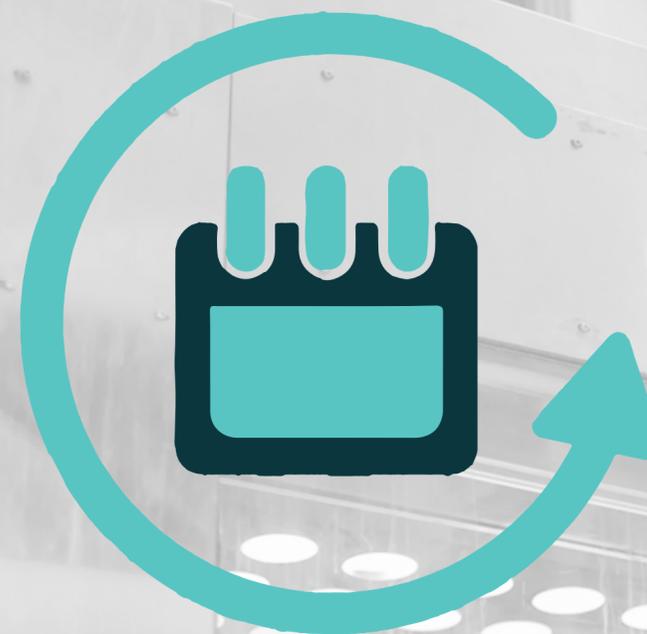


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LONGEVITY

Our Coating is permanent unless removed by abrasion. As would be expected, there are a number of factors that determine how long the product will remain effective on different surfaces and in different situations. We are committed to working with you to determine the best methods for your specific needs so that you're remaining protected, while at the same time making sure you aren't using more product than you need to.

Custom programs can be created based on each clients needs for different situations. Our product suite consists of a variety of solutions that can help solve different problems.





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REGISTRY OF SURFACE PROTECTION

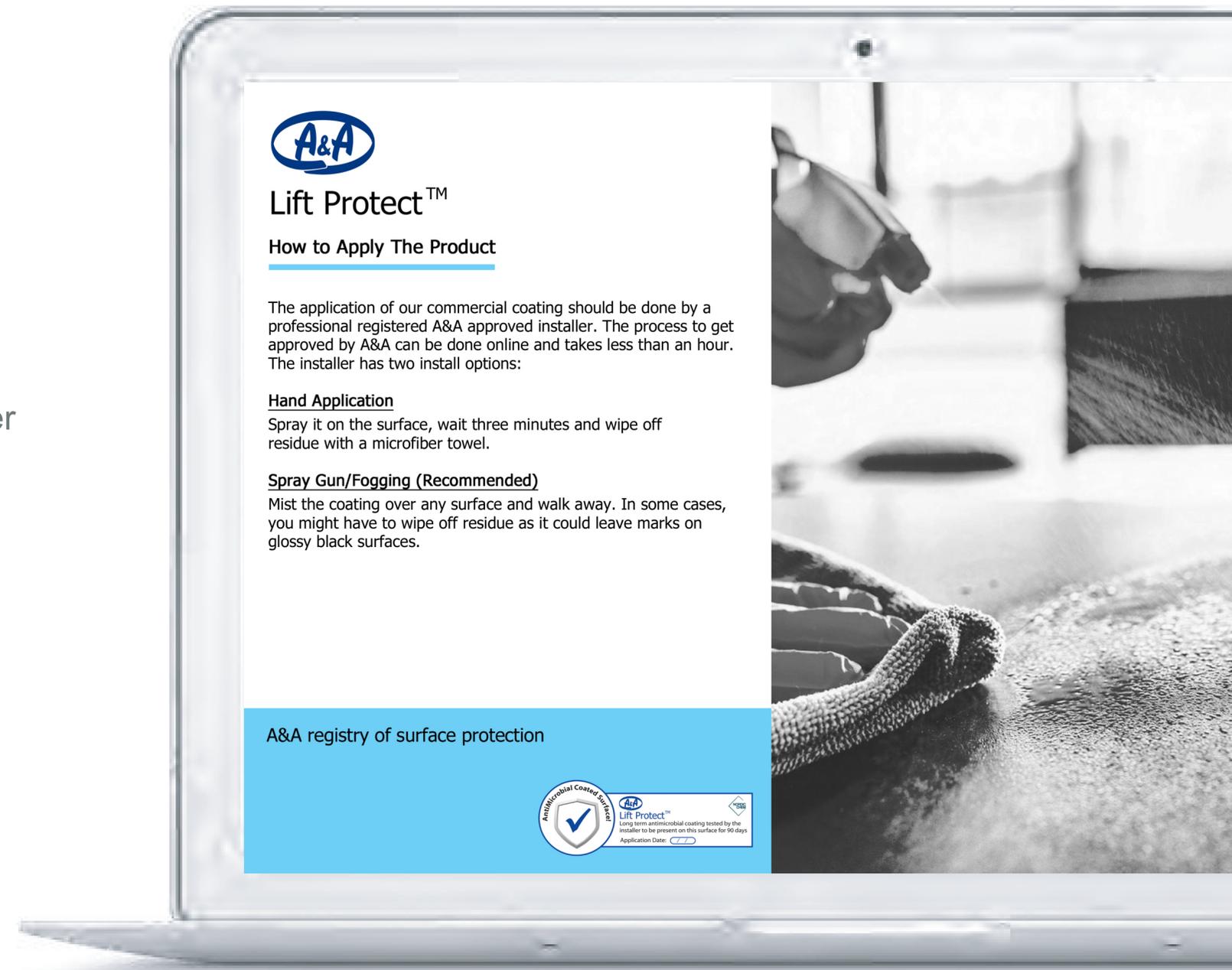


The purpose of initiative of Surface Protection is to help businesses communicate the measurements they have taken to prevent viral and bacterial surface contamination.

The initiative is based on the installer reporting back into our Head Office after a surface treatment of the premises has been completed.

After installation of **Lift Protect™** antimicrobial coating the business owner of the premises is entitled to the following as an ongoing free service:

1. Awareness certificates to be placed in the premises.
2. An online banner, which links to a technology page, which can be placed on the business website or social media channels, designed to educate the visitors on the surface protection measures your business has taken.
3. 7 days a week phone and email customer support provided to the business and its occupants.





Lift Protect™ - Questions & Answers

How does it work?

Lift Protect™ creates a very thin layer of "nano-spikes" on the surface to which it is applied. These nano-spikes penetrate the virus/bacteria that come into contact with the coating, destroying the cell in a mechanical kill process by puncturing the cell wall, rendering the virus unable to infect. There is no chemical action, meaning that there are no harmful chemical leaching actions to affect the environment.

What is the difference between Lift Protect™ and standard disinfectants?

The major difference is that our product does not evaporate after being applied, the coating bonds to the surface to which it has been applied to provide continuous protection.

How long does it last?

The coating will last the lifetime of the surface to which it is applied providing there is no abrasion. However in the real-world things are touched, cleaned and moved all the time so we guarantee the coating to be fully functional for 90 days in areas with maximum abrasion, such as pushbuttons, handrails, keypads, door handles etc. The coating will not be removed by normal cleaning or disinfectants, it can only be removed by abrasion.

How easy is it to apply Lift Protect™ ?

No special tools are required. It is sprayed onto the surface to be protected and the residue wiped off with a micro-fibre cloth, it's as simple as that. The surface to be treated should be cleaned prior to application of the **Lift Protect™** coating and all items required to complete the application are included in the kit.

A few minutes after application, the coating will be dry to the touch. We recommend allowing 2 hours for the coating to completely bond to the surface before returning it to normal service. Larger areas can be coated effectively using a cold fogger, to apply an even coating over larger spaces please contact us for more details.

What does it protect against?

Lift Protect™ protects surfaces from a range of harmful viruses, including enveloped viruses such as H1N1 and Coronavirus (COVID-19), microbes, bacteria, mould, algae and odours. Also the coating acts as a sacrificial layer of protection for the surface itself protecting against micro-scratches and general wear and tear.

Where can i use it?

Lift Protect™ can be used on all surfaces, porous or non-porous, including metal, glass, plastics, ceramics, timber, carpets and fabrics. It can be used in all environments including indoor and outdoor locations.

Lift Protect™ is colourless and odourless by nature, therefore it will not stain fabric materials.

How do I know it's working?

It is invisible to the eye and there are no smells or discharges whilst it is killing viruses. This means you can't see it protecting your environment whilst it is in action. However, we have a test kit which includes a fluid that is applied in small amounts to protected areas. The fluid will change colour depending on the "strength" of the coating advising if the protection has reduced to the point where re-coating is necessary. As **Lift Protect™** impregnates the material the application of the test fluid can cause staining so it is recommended to perform the test in a inconspicuous area or use a **Lift Protect™** test tab as a test area.

Is it harmful?

Only to viruses and bacterial! Once **Lift Protect™** has bonded to the surface it creates a durable protective layer which provides an inhospitable environment for pathogens, by mechanical means and because it is water based the coating does not leach any chemicals into the environment.

How much do I need?

The 500ml spray supplied in the **Lift Protect™** Kit is enough to coat 70m² of hard surfaces.

How do my customers know it's there?

Self-adhesive labels are provided with the kit, advising of the protected status of the surface/s to which they are applied. Once the **Lift Protect™** coating has been applied to the premises it is eligible to be registered with IRSP, an independent surface protection registry. Your premises will be listed on the registry as meeting the benchmark for surface protection. This will give your customers maximum peace of mind knowing they are in an area of continuous protection.

What tests have been done?

Various studies have been performed including long-term analysis since the product was developed in the 1970's, as well as several tests on the active ingredients by independent laboratories. Reports and results are available on request.

Are there other long term coating solutions for eliminating bacterias and viruses?

The only other technology that is currently available for long term surface protection are coatings that terminate the pathogens by infecting the micro-organism with a chemical agent such as silver, copper or zinc. We have chosen to utilise a VOC free mechanical kill technology as it is highly effective without leaching chemicals into the environment once the coating has cured, reducing the risk to the environment and human health.

