



**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 of 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 push buttons, 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?**

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 an inconspicuous area or use a **Lift Protect™** test tab as a test area.

**Is it harmful?**

Only to viruses and bacteria! 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 70m<sup>2</sup> 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 of these tests are available on request.

**Are there other long term coating solutions for eliminating bacteria's 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.