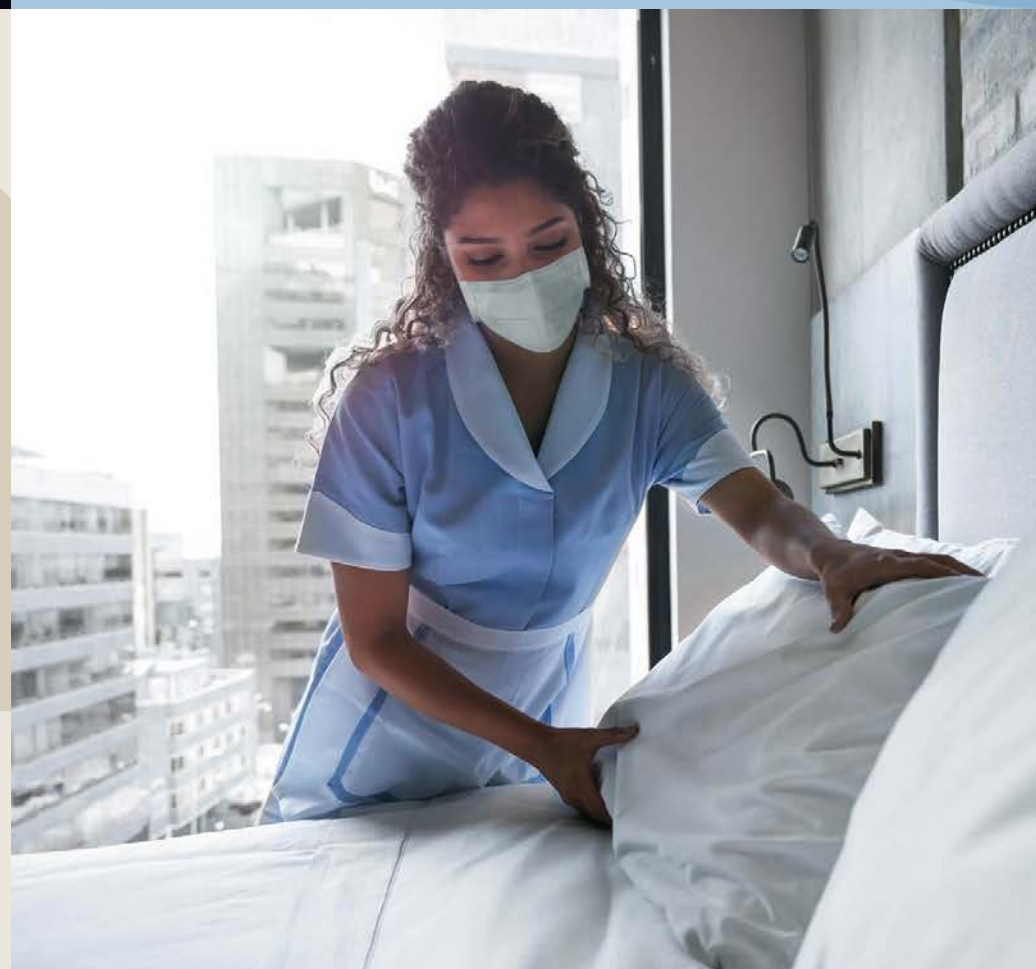
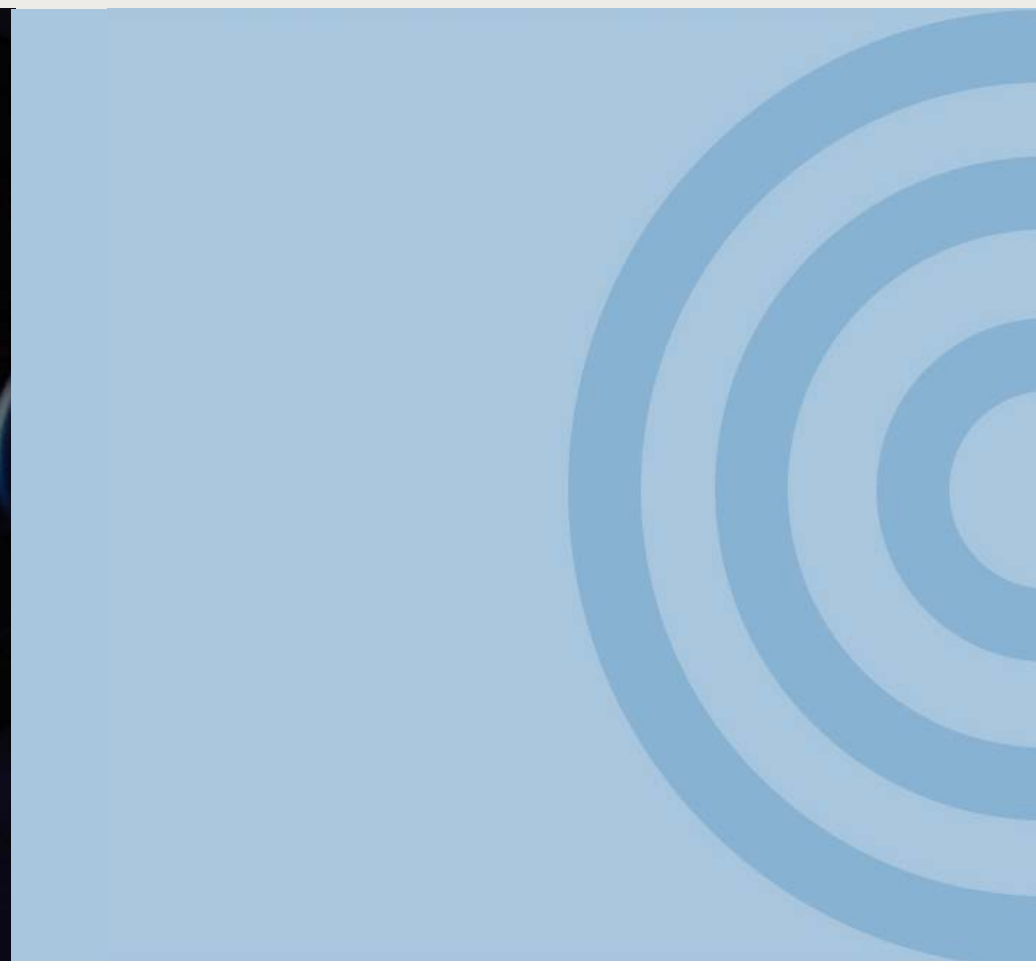
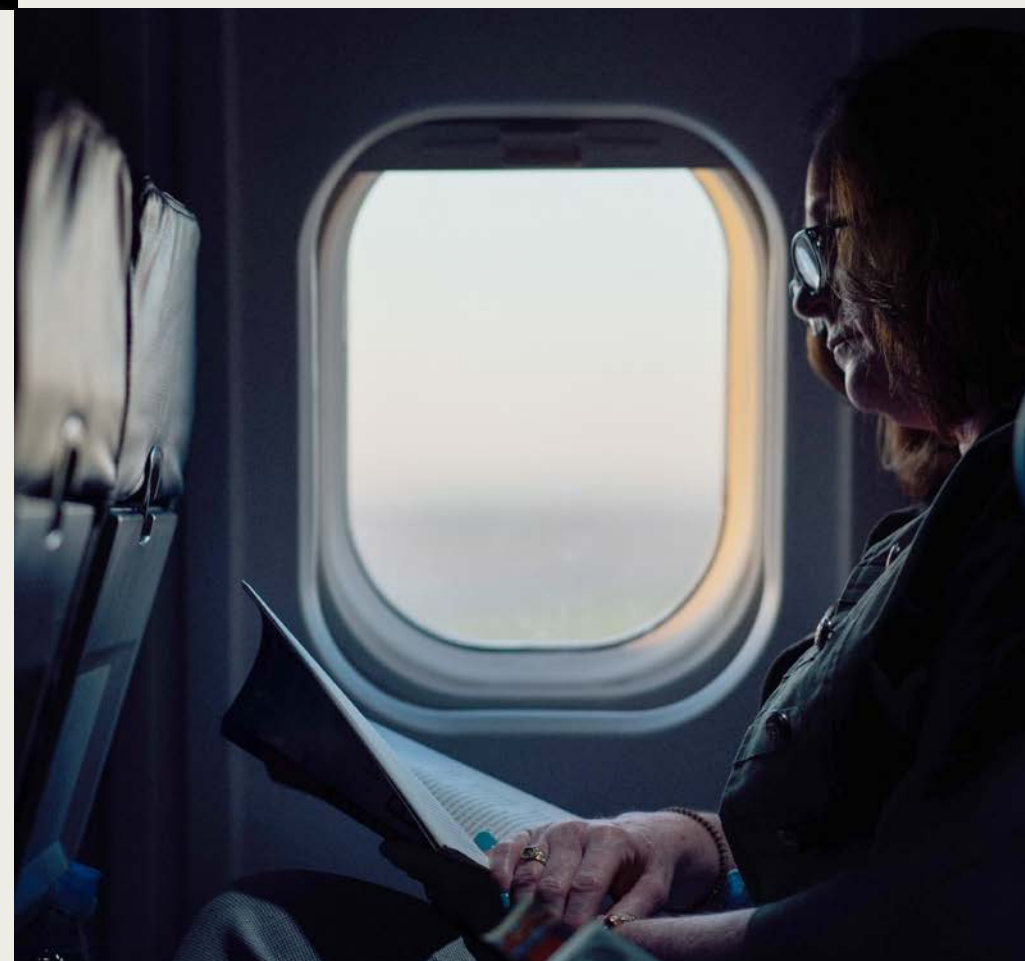


# A revolution in antimicrobial surface protection.



Effective, lasting and **PermaSafe**  
clean. Destroys 99.999% of bacteria  
and viruses, including Covid 19\*,  
with lasting effects providing up  
to 90 days of protection.

\*Meets MPI, TGA and US EPA Criteria for use against  
SARS CoV-2, the novel coronavirus that causes Covid-19.

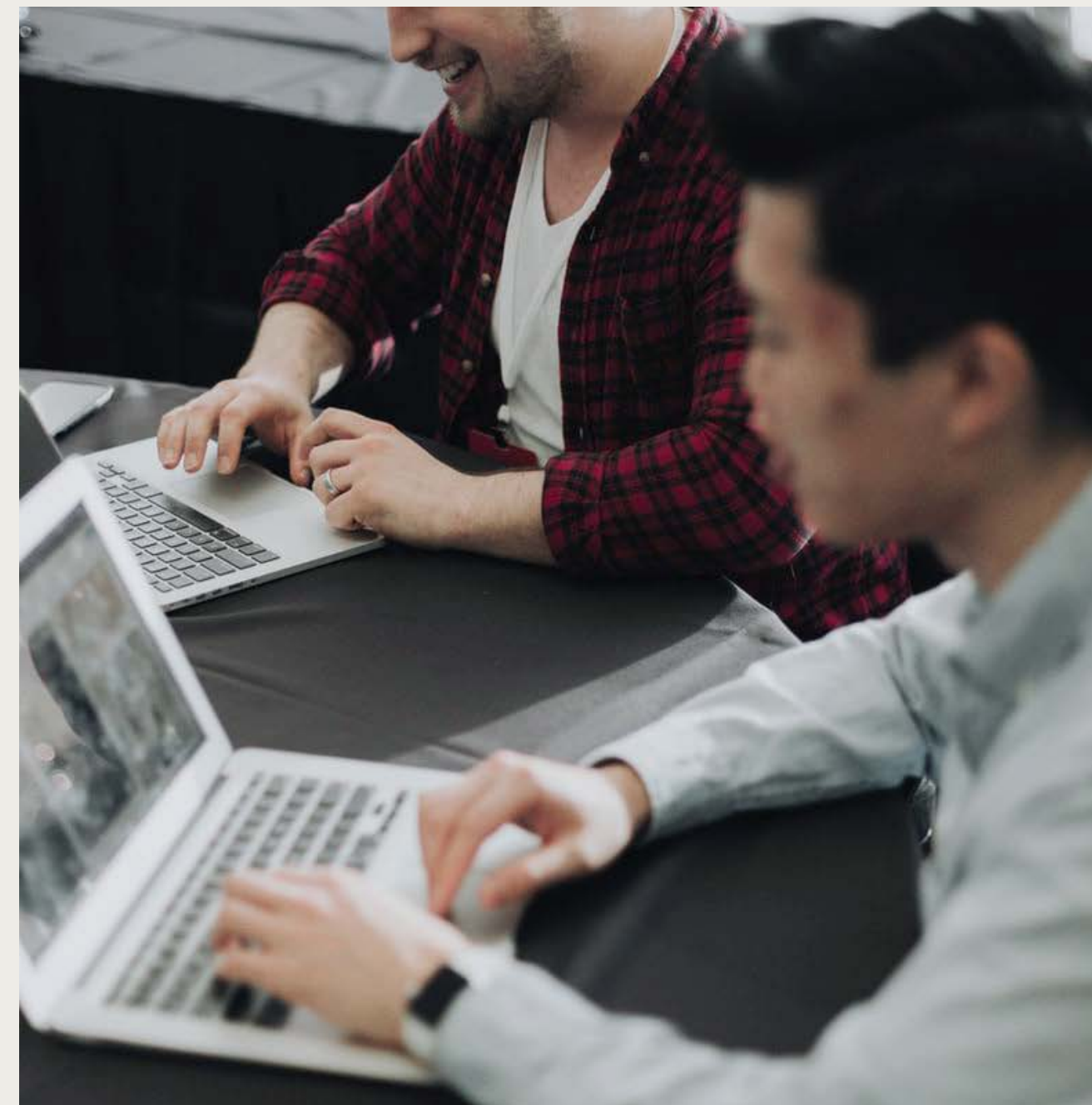


# What is PermaSafe?

PermaSafe is a two-stage antimicrobial surface treatment. It eliminates germs and protects against them for up to 90 days.

- Unlike conventional disinfectant it does not rely on toxicity for its effectiveness
- Employs physical and electrostatic properties to attract and destroy microbes
- Kills up to 99.999% of bacteria and viruses, including Covid 19\*
- Makes treated surfaces antimicrobial, continuously purifying a room environment—including the air
- Destroys mould, mildew and allergens; eliminates odours
- Continuing antimicrobial protection for up to 90 days
- A genuine revolution in antimicrobial surface treatment. Now available right here.

\*Meets MPI, TGA and US EPA Criteria for use against SARS CoV-2, the novel coronavirus that causes Covid-19.





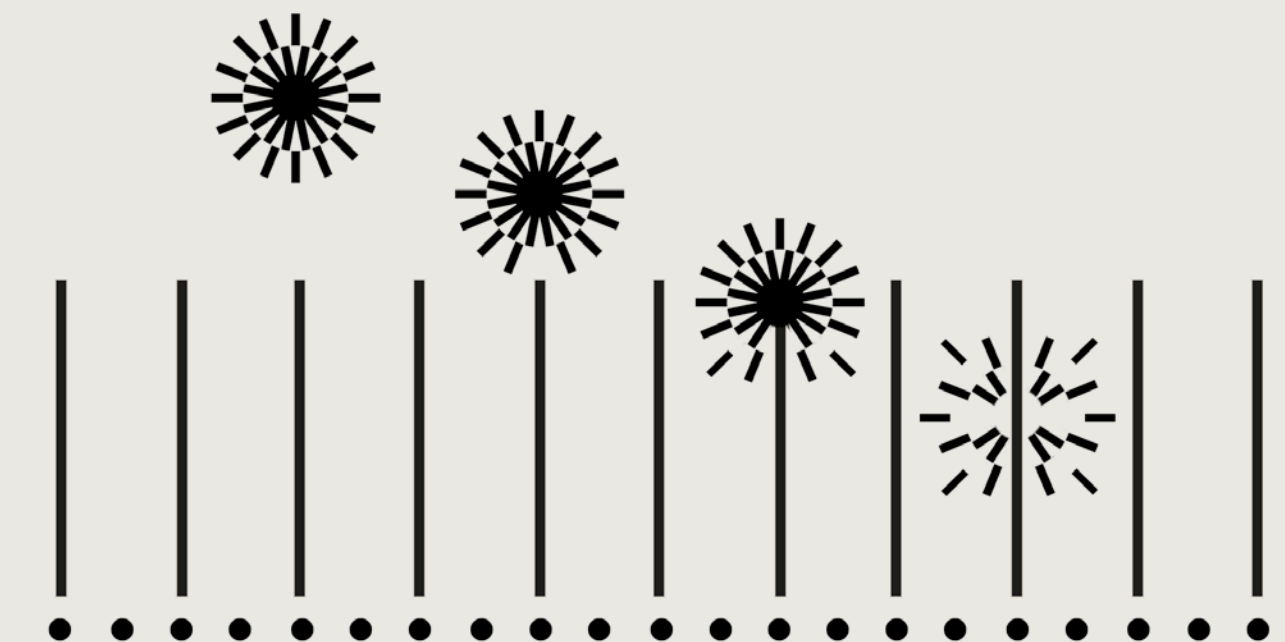
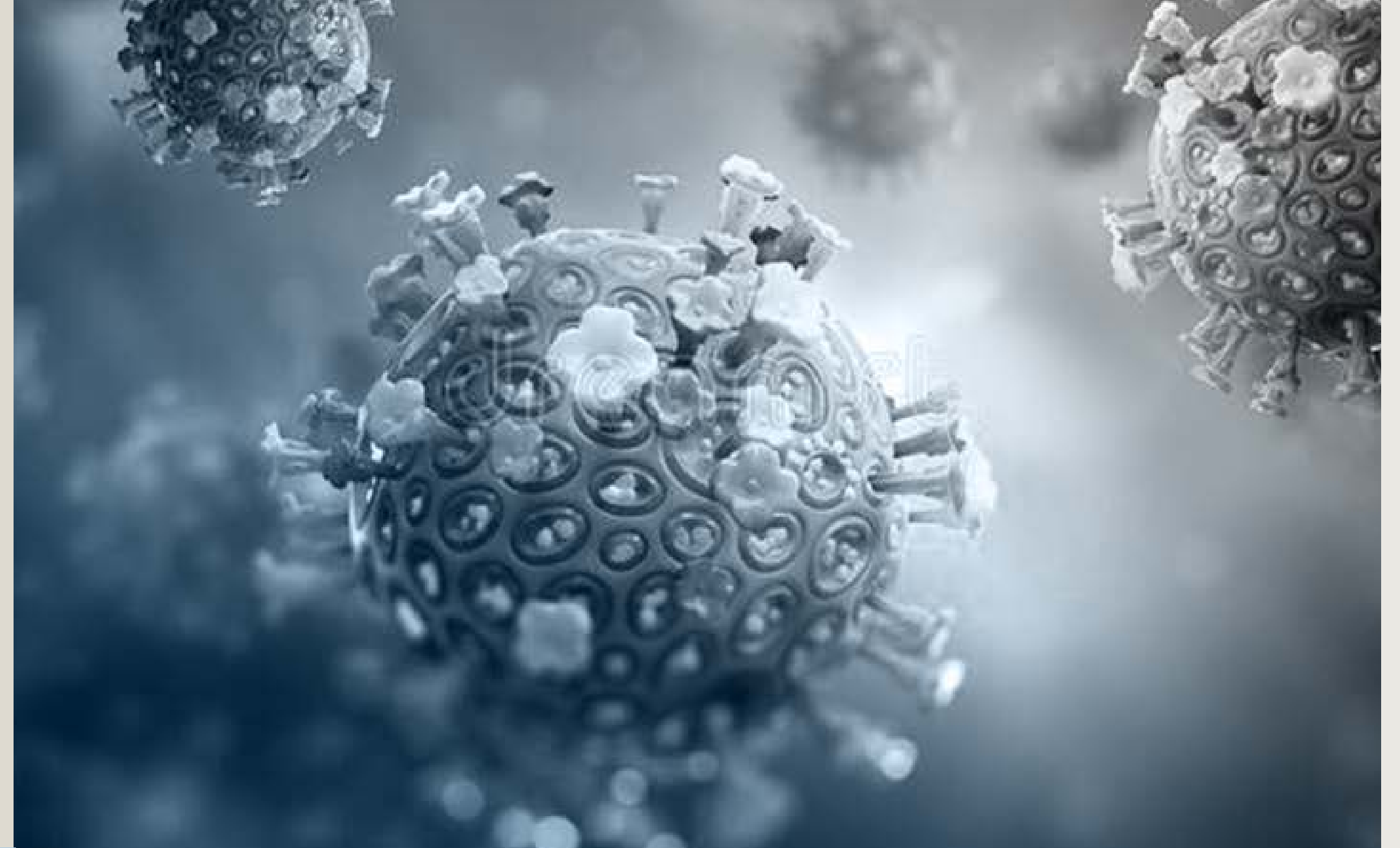
# PermaSafe's secret is the way it works.

Electrostatic and mechanical. Not toxic.

PermaSafe forms a covalent bond with any surface it is applied to, covering it in positively-charged 'spikes' of molecules.

Because microorganisms are negatively charged. They are actively attracted to the spikes. When they land on them they are physically impaled and killed.

By combining electrostatic and physical processes PermaSafe is totally unlike conventional disinfectants. They use chemical toxicity to kill germs then evaporate to avoid harm to people and pets, providing only fleeting protection. Meanwhile PermaSafe goes on protecting, for up to 90 days.



PermaSafe treated surface.



# Protects where others can't.

## Unmatched versatility.

The electrostatic bonding and physical elimination of PermaSafe works effectively on all types of surfaces.

This versatility means PermaSafe can be used in all manner of applications, especially where surfaces have to be clinically safe.

PermaSafe even works on carpets, curtains, cushions and other soft surfaces. And carries on working.

From protecting against mould in ventilation ducts to ensuring vehicle interiors are fully sanitised, PermaSafe is the perfect choice.

Its non-toxicity even makes it suitable for food-preparation surfaces.



MPI  
approved



FDA  
approved



Child  
safe



Pet  
safe



100%  
Biodegradable



99.99%  
efficacy against  
coronavirus



# The versatile solution.

PermaSafe coatings are in use worldwide, providing comfort and safety across a huge range of industries.



Automotive



Hospitals & primary care



Hospitality



Transport



Education



Aged care facilities



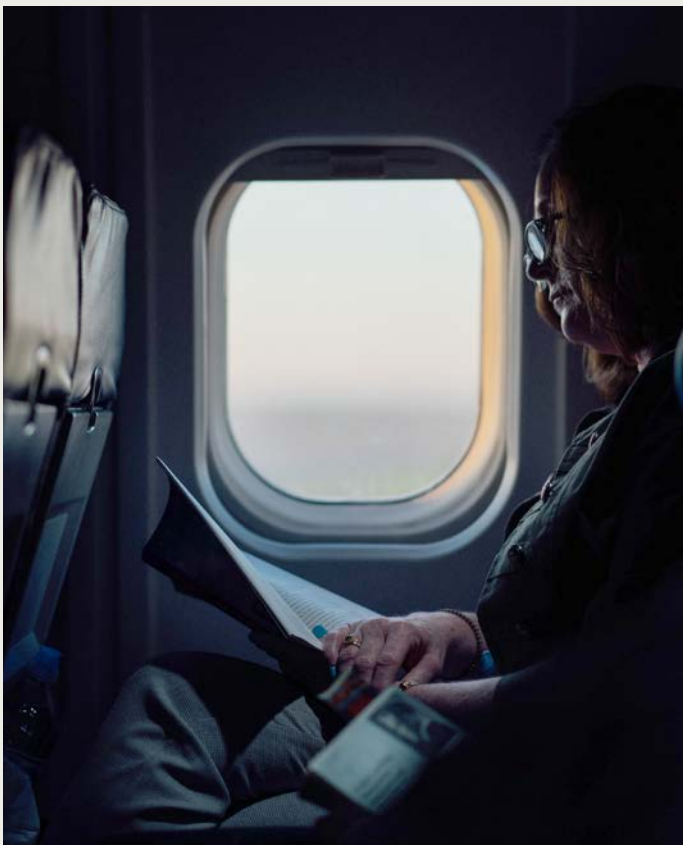
Gyms & fitness centres



Retail



Commercial



Aviation & airports



# Endorsed by regulators and government.

Efficacy recognised by authorities locally and worldwide.

PermaSafe is approved by local authorities here in New Zealand. We have registered and local approval with MPI, TGA registration and approval in Australia and globally with the Environmental Protection Agency (EPA) master label for the following applications.

We also carry a unique patent making PermaSafe the only product with a 90 day warranty of our service protection.\*

These local and global accreditations are not easy to achieve. You won't find other antimicrobials with such or all the endorsements we carry.

Destroys 99.999% of bacteria and viruses, including Covid 19\*, with lasting effects providing up to 90 days of protection.

\*Meets MPI, TGA and US EPA Criteria for use against SARS CoV-2, the novel coronavirus that causes Covid-19.

Antimicrobial	Disinfectant	Cleaner	Sanitiser
✓	✓	✓	✓
Anti-allergen	Heavy-Duty Odour Eliminator	Fungicide	MildewStat
✓	✓	✓	✓

# Accreditation

Test	Step 1	Step 2
Passed anti-bacterial (99.999%) testing	✓	✓
Kills Coronavirus 99.99%	✓	✓
Approved for use in Homes	✓	✓
Approved for use in Industrial	✓	✓
Approved for use in commercial (non food)	✓	✓
Approved for Non dairy maintenance	✓	✓
Non Dairy Maintenance food contact	✓	✓
Passed dairy maintenance suitability assessment	✓	✓
Dairy maintenance food contact	✓	✓
Approved for food (dairy)	✓	✓
Approved for vets / animal boarding	✓	✓

\*Current warranty and claims are based on EPA master label.



# The PermaSafe system, a two-step process.

Patented and registered locally and globally with our EPA master label, PermaSafe CLEAN™ and PermaSafe SHIELD™ combines to provide the only two step process providing unbeatable, proven long lasting antimicrobial protection for up to 90 days.

This process ensures, elimination of germs, bacteria, virus, mould, odours and provides a clean and healthy environment with peace of mind.

Both can be administered by fogging, with our Step 1 having an instant effect on contact.



**PermaSafe CLEAN** kills  
99.99% of the COVID19  
Corona Virus and 99.9999%  
of germs, bugs and bacteria.



STEP ONE:

PermaSafe  
**CLEAN**<sup>TM</sup>

PermaSafe CLEAN is a hospital-grade disinfectant formulation that kills up to 99.999% of bacteria and viruses.

Fogging with PermaSafe CLEAN eradicates contamination and ‘primes’ surfaces to form an effective, durable bond with PermaSafe SHIELD.

PermaSafe CLEAN is 100% biodegradable, phosphate- and VOC-free, patented, and carries United States EPA and NSF registration. It is non-abrasive, non-corrosive, fragrance-free and leaves no residue.

- Sanitises in 60 seconds
- Germicidal 7-in-1 cleaner
- Anti-Allergen
- Eliminates mould, mildew and odours.

Step 1 Approvals

- MPI Food Safety Approvals C41 and C43
- MPI Recognised for use in Dairy processing
- Permitted for use in Animal Housing by the ACVM.



MPI  
approved



FDA  
approved



Child  
safe



Pet  
safe



100%  
Biodegradable



99.99%  
efficacy against  
coronavirus

**PermaSafe SHIELD** kills 99.99% of the COVID 19 Corona Virus and continues to kill over 99.9% of COVID 19 for up to 90 days after application.\*

\*This is based on independent testing and results carried out on Murine Corona Virus.



STEP TWO:

PermaSafe  
**SHIELD™**

Also applied by fogging, PermaSafe SHIELD forms a covalent bond with any surface it is applied to. Once cured, it will not wash off and can remain anti-microbially effective for months. With the backing of independent testing we conservatively claim 90 days. It is patented, EPA-registered and US FDA-approved as a long-term antimicrobial surface protectant.

Step 2 Approvals

- MPI APPROVAL C101-02
- MPI Recognised for use in Dairy processing
- Permitted for use in Animal Housing by the ACVM.



MPI  
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Pet  
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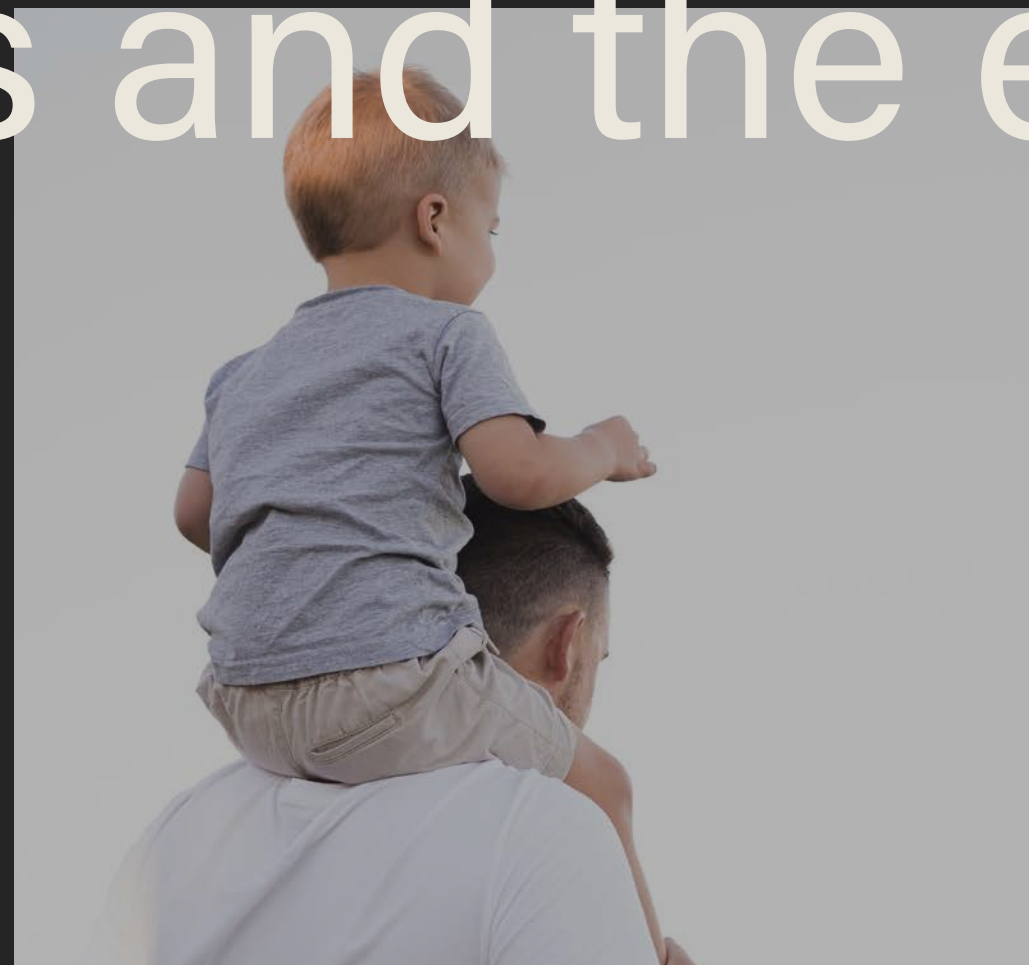
100%  
Biodegradable



99.99%  
efficacy against  
coronavirus



**Endless applications and total safety.** Deadly for germs, bacteria and virus. Gentle for you, pets, surfaces and the environment.





We're surrounded every day by many different types of materials and surfaces.

The unique properties of PermaSafe make it usable anywhere, on hard and soft surfaces.

Being locally and internationally registered you have peace of mind knowing PermaSafe Step1 and Step 2 adheres to the highest safety standards and regulations. It does what it says it will do, simply and effectively.



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FDA  
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safe



100%  
Biodegradable



99.99%  
efficacy against  
coronavirus



#### Advantages –

1. Kills 99.999% of bacteria and viruses
2. Eliminates odours and allergens
3. Destroys and inhibits growth of mould, mildew and other microbes
4. Makes interior surfaces antimicrobial
5. Sanitises HVAC, ventilation systems and ductwork
6. Continuously purifies passenger cabin air
7. Meets the local and international criteria for use against SARS-CoV-2, the novel coronavirus that causes the disease COVID-19





# Cost-effective and time-efficient.

Everything adds up to make PermaSafe as economical as it is effective.

- No need to double-up on other, often costly, sanitisers. PermaSafe CLEAN, as a hospital-grade disinfectant, does it all:
  - All-surface germicidal 7-in-1 cleaner
  - Heavy-duty spot and stain remover
  - Heavy-duty surface and air odour eliminator
  - Anti-allergen
  - Fungicide
  - Algae eliminator
  - Mould and mildew eliminator
  - Hard, soft and food surface sanitiser.
- Easy, fast, no-wipe application of both stages with no outlay on PPE
- Lasting protection saves money and staff time
- Increase productivity
- Decrease sickness.



# Works on virtually every surface.

Kills virtually every microbe.

Hard, non-porous including stone, laminates, wood, plastics, rubber and metals.

Soft, porous including vinyl, leather, cloth, carpet, canvas and foam.

Non-corrosive, non-abrasive for use on stainless steel, aluminium, chrome, glass, acrylic and more.

High-touch surfaces like light switches, copiers, door knobs, taps and toilets remain sanitised longer.

Electronics including touch screens, phones, laptops, keyboards, laptops, EFTPOS terminals and ATMs.

Food contact and prep areas can safely be protected with or without rinsing and wiping.



- ✓ Kills up to 99.999% of germs and bacteria on hard non-porous surfaces.
- ✓ Kills up to 99.999% of germs and bacteria even on soft, porous surfaces.
- ✓ UV Resistant & Stain Resistant.
- ✓ FDA approved.



# Efficient, effective application.

- ✓ Atomised mist and cold-fogging approved.
- ✓ Faster, more effective and efficient: nothing beats fogging for surface application. It can take 75% less time than other methods.
- ✓ Very few antimicrobial products can legally be applied by fogging due to their toxicity.
- ✓ PermaSafe CLEAN and SHIELD are expressly approved to apply by fogging.





# Everything you need.

- With its light weight, low cost, ULV atomisation technology and ergonomic design, our B201 ULV Cold Fogger is the perfect choice for PermaSafe product application.
- As a cold fogger, the B201 avoids the risk of destroying a product's properties by vaporising them with high heat. Using high volumes of low-pressure air, it transforms very small volumes of liquid into a fog of very fine, uniformly-sized droplets for highly efficient coverage.
- Particle size adjustment enables optimum 20-30 micron droplet production, able to cover around 1,850m<sup>2</sup> from its 9.5 litre tank.



Electric ULV backpack cold fogger

“With the advent of Covid19 protecting the health of our Staff is paramount. Our Customers include MIQ facilities and in order to manage this risk we use **PermaSafe** to ensure our safety. This enables us to sanitise not only all the surfaces in our Plant and vehicles, but the air in our workspace as well through the HVAC systems. **PermaSafe** have put us at the forefront of managing the health risk in our Industry.”

— Nicholas Burnton, Director, Sparkle Drycleaners Ltd.

“**PermaSafe** is very in line with our brand. We want to provide a safe place for our guests so they can relax and enjoy themselves completely.”

— Brandon Lela’ulu, Prego.

“The team and clients at Rose's know that they can be on-site secure in the knowledge that they are in a safe environment, the benefit **PermaSafe** offers us over all surfaces is second to none, plus it smells great!”

— Rachel Beechey, Director, Roses Alterations



We chose to partner with **PermaSafe** as it provides essential cover in all areas for my members, team and family. Like my team its worldclass and provides the best safety on all our surfaces from the mats to pads and punching bags, we know that nothing comes in or stays in the gym that isn't welcome. Since our implementation of the **PermaSafe** system and regular treatments we have been able to reduce Staph infections, stay Covid free and concentrate on winning world titles."

— Eugene Bareman, CKB head coach & Co- Founder.

"**PermaSafe** helps us operate at 100% even when the rest of the country are in lockdown. My staff are safe and I have peace of mind."

— Kerry Murray, In the Bag Ltd.

"The safety of our staff and customers alike, is of paramount importance to us here at Brassfit. The **PermaSafe** system provides us with peace of mind; knowing that we are doing all we can to keep our work environment clean, safe and protected from unwanted viruses and bacteria."

— Chris Hogg, General Manager, Brass-Fit New Zealand.



Thank you from the  
team at **PermaSAFE.**



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