

Green Drains™ - Provides Peace of Mind and Controls the Spread of Pathogens in Drainage Pipes with its SST Technology.

Problem: There is a growing body of evidence and scientific studies that show diseases are being transmitted through drains and sinks. The last **SARS** outbreak and the novel **COVID-19** coronavirus Pandemic both have [links to this being spread via the sinks and drains in buildings.](#)

There are 2 ways to prevent this transmission via pipes.

1. Kill and treat the pathogens in the pipes and drains so they don't spread.
2. Block the pathway.

With the government's level 2 [restriction laws](#) now in operation, effectively closing down all non-essential business, **floor waste traps will run dry**. This will further create challenges once the restriction period is lifted and business resumes.

Solution: Green Drain™ our silicone one-way valve protects unsealed drains and sinks. GD lets water through and helps stop the spread of contagious pathogens, toxic gases, odours, insects, and stops minor flooding from backed-up plumbing. Protecting your business / property while closed.

Killing pathogens in pipes is nearly impossible. Even if your chosen chemical claims to kill biofilm, it can't get the contact time or mechanical action required in a vertical pipe. Biofilm is therefore prevalent in pipes, protecting the pathogens and can't be destroyed simply. In addition, complex pipelines can house biofilm a long way down the sewer network system over long distances. Continuous use of dangerous chemicals causes environmental downstream damage.

During the current restriction period for non-essential business, floor waste traps will run dry. With these low used drains, the water in P-traps evaporates, exposing odours, pests, pathogens and sewage gases to exit sinks and drains. Also, air pressure differences between buildings & drains can draw pathogens inward. **Green Drain™** is the only product on the market with the patented **Silicone Skirt Technology (SST)** that prevents the elements of the sewer system into our living and working spaces. Not having to use harmful chemicals, auto trap primers or clean water to manually charge traps makes **Green Drain™** the Eco-Friendly, water savings option that minimises manual labor reducing costs.

Washing hands, social distancing, reducing face to face contact, and preventing contact from infected individuals is the first line of defense. Facilities without drain trap seals like hospitals, apartment complexes, food serving facilities, and airports need to be protected immediately, to help stop the spread of disease through drains.

[This video demonstrates Green Drain technology.](#)

Being proactive now and **installing Green Drains™ as a preventative measure**, ensures all public and private properties will have peace of mind having safeguarded themselves for when business resumes and is back to full capacity.

References:

[Pathogen cross-transmission via building sanitary plumbing systems in a full-scale pilot test-rig](#)

[Environmental transmission of SARS at Amoy Gardens.](#)

[Drainage systems. an occluded source of sanitation-related outbreaks](#)

For more information please visit www.greendrains.com.au

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