Foamstream

Helping America get back to work

Foamstream Clean

Foamstream breakthrough for outdoor cleaning and disinfecting sector

Tests conducted under international standards. Foamstream has been certified under EN 16777:2018. The tests were carried out under dirty conditions by Blutest Laboratories Ltd, a Glasgow based, internationally recognised expert in virus testing.


Guardianship bill goes to DeSantis

SpaceX to hold launch Saturday

Orlando Sentinel

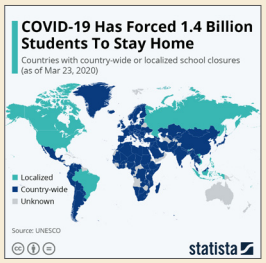
DISNEY WORLD CLOSING IN MIDST OF PANDEMIC


THE TIMES

Free delivery for 12 weeks

Exams cancelled after virus forces schools to shut down

London set for isolation as disease takes hold



Foamstream has an important role to play in keeping our public areas hygenic. Firstly, it helps local municipalities and other landowners clean public places, so they are safer for people to use and enjoy. As lockdown restrictions ease, and as people are increasingly able to enjoy public places again, it is vital they are safe for people to be in.

Secondly, many businesses in the hospitality, sports & fitness industries, for example, are unable to open due to public health concerns. As a result, many companies are going out of business and experiencing challenging times. By keeping public areas clean, Foamstream helps businesses re-open their doors sooner, and keep them open, improving their chances of survival, assisting the global recovery.

Foamstream is a breakthrough technology. It is significantly faster and easier to use than many of the current manual cleaning practices, like disinfectants. It's approved for organic use, and it's non-toxic, making it the first viable, green solution for use to make public places safer.

WHY SHOULD YOU USE FOAMSTREAM?

Feature	Benefit
• It's fast	Foamstream killed 99.99% of the tested coronavirus surrogate within 10 seconds. You can treat up to 540m² / 5800sq.ft an hour.
• It's safe	Foamstream is approved for organic use and is completely non -toxic. That's why you can use it around people, animals and it won't harm the environment.
• It works on clean and dirty surfaces	Foamstream's dual-action process means it cleans and disinfects at the same time, you can work much faster than when using traditiional chemical based disinfectants. Chemical disinfectants become ineffecive on dirty surfaces, and their efficacy is severally compromised if not diluted correctly.

Feature	Benefit
It's low pressure	We treat at low (ambient) pressure which avoids the kind of damage often associated with pressure and power washers.
It's applied below boiling point	We treat below boiling point which avoids de-plasticisation of EPDM rubber, making it suitable for use on the majority of other artificial surfaces.
It's simple to use and safe to apply	Operators can get to work very quickly and save time and inconvenience by not having to cordon off areas pre, during or post treatment.
It's suitable for use on all surfaces	The simplicity of the Foamstream process makes it incredibly versatile which is why it can be used on a wide range of surfaces and facilities.
Are EPA and European standards the same?	No. In Europe and the rest of the world it is acceptable to test for efficacy against Sars-Cov-2 by using surrogate coronavirus cells, they are the same structure but not the human version. So Foamstream is now going through the process of testing directly against Sars-cov-2 under EPA conditions. The test was performed on a SARS-CoV-2/Covid-19 surrogate called murine coronavirus, which is not the 'human coronavirus'. Using a surrogate for testing purposes is in-line with the international testing standard for such a test: as surrogates are harder to kill than human strains there is total confidence that efficacy on a surrogate will translate into efficacy on the human strain. Testing on SARS-CoV-2 (human coronavirus) presents logistical issues, as only a handful of laboratories in the world are allowed to handle it, in a specifically confined atmosphere.

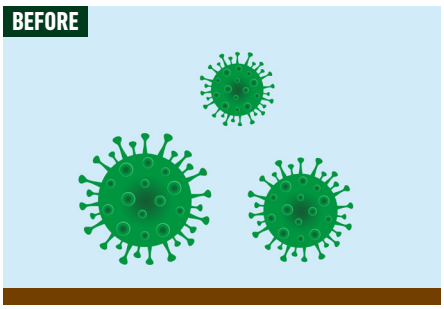
"Spraying or fumigation of outdoor spaces, such as streets or marketplaces, is... not recommended to kill the COVID-19 virus or other pathogens because disinfectant is inactivated by dirt and debris."

World Health Organisation (WHO)

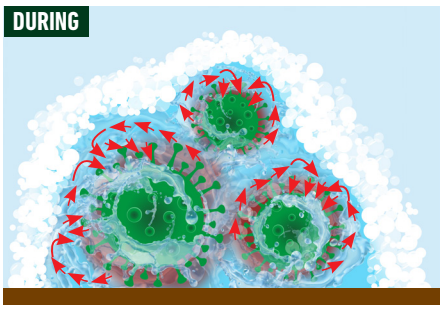
World Health Organization

HOW FOAMSTREAM WORKS

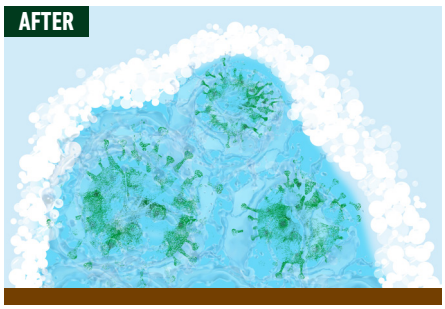
1. Foamstream kills a virus using a combination of hot water insulated by a biodegradable foam.
2. Foamstream flows from the lance at 98°C / 208°F. The heat in the hot water is trapped on the virus by the foam blanket, preventing the heat from escaping to the atmosphere. (See 'during' picture below middle.)
3. Coronavirus particles begin to breakdown when subjected to heat upwards of 56°C / 133°F. The higher the temperature the faster the kill rate.
4. The Foamstream blanket retains the heat so effectively that it kills 99.99% of virus* particles within 10 seconds. (See 'after' picture below right).



Virus* particles



Foamstream is applied -
the virus*particles start to heat up



10 seconds later -
99.99% of virus*particles are destroyed

For more information on how Foamstream works - click here.

Foamstream Clean

WHY FOAMSTREAM CLEANS AND DISINFECTS FASTER THAN OTHER SOLUTIONS

Foamstream is a form of wet heat. Water carries more heat than air and as such wet heat energy is one of the most effective forms of energy transfer.

Unlike other wet methods such as steam, which can form droplets, Foamstream is a single body of wet heat increasing the effectiveness of its energy transfer.

As a result, wet heat methods like Foamstream transfer heat energy much more efficiently than dry heat sources, such as electricity. Added to this, the wet heat is trapped over the surface being cleaned by the insulating foam blanket for an extended period of time, leading to one of the fastest, most effective ways to disinfect.

AREAS THAT CAN BE TREATED WITH FOAMSTREAM

Below is a selection of areas particularly well suited for treatment with Foamstream.

HOSPITALS

CAMPING SITES

PARKS AND PLAYGROUNDS

SPORTS STADIUMS & FACILITIES

EDUCATIONAL FACILITIES AND CAMPUSES

THEME PARKS

For more information on disinfecting and cleaning, to find out more about how Foamstream can be implemented in your organisation, or to book a virtual demonstration of Foamstream, get in touch today.

"Foamstream has been a lifesaver. It has meant that we can completely remove chemicals from our city."

Roger Museau, Parks Coordinator, City of North Miami. Florida, USA

"Foamstream's multi-functionality is great. Not only can we use it for weed control but importantly for cleaning and sanitizing play equipment in the playgrounds."

Nick Boffemmyer, Senior Groundsman, Minisink Central Valley District. New York, USA

weedingtech
Herbicide-Free Weed Control, Redefined.

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