

GET A
HANDLE ON
BACTERIA
& VIRUSES

ProEconomy | iBex

Anti-microbial copper
touch door furniture



BY APPOINTMENT TO
HER MAJESTY THE QUEEN
WATER TREATMENT SERVICES
PROECONOMY LIMITED
MILTON KEYNES

The problem is more than just COVID-19

COVID-19

"We have a lot more to go. So anyone who talks about a [coronavirus] peak today doesn't understand that we have an incredible journey ahead of us yet."

- Dr Michael T. Osterholm, Director of the Center for Infectious Disease Research and Policy

HOSPITAL ACQUIRED INFECTIONS (HAIs)

Infections acquired in hospitals affect two million individuals every year and result in nearly 100,000* deaths annually in the United States.

*Estimate from The Centers for Disease Control and Prevention regarding U.S. hospitals

How long can coronavirus last on surfaces?



Stainless steel
3–7 days



Glass
up to 4 days



Plastic
3–7 days

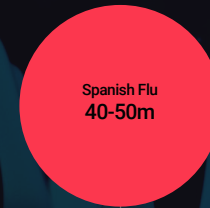


Wood
2 days



Copper
from 2 mins

The tip of a 20th Century iceberg



Spanish Flu
40-50m



HIV/AIDS
25-35m



Asian Flu
1.1m



Hong Kong Flu
1m



MERS
850k+



SARS
770k+



COVID-19
500k+



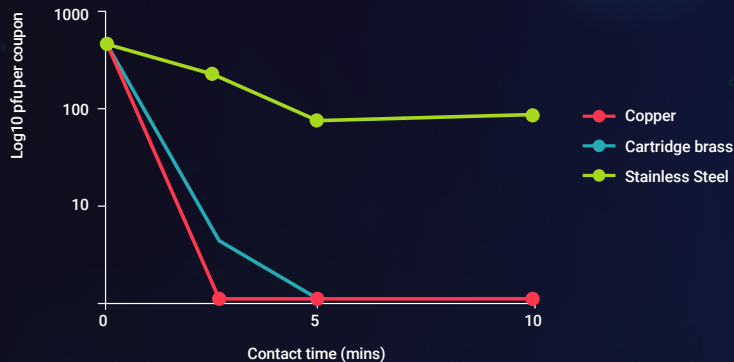
Swine Flu
200k+

Our solution...

ProEconomy | Ibex

Anti-microbial copper touch surfaces

Simulated fingertip touch contamination of Coronavirus 229E on stainless steel, copper and brass (copper alloy).



copper kills more than
99.9% of infection causing bacteria within 2 hours*

* Antimicrobial copper is registered with the Environmental Protection Agency (EPA) as being able to kill greater than 99.9% of infection causing bacteria within 2 hours of exposure.

Copper is proven to kill:

- Methicillin-resistant Staphylococcus aureus (MRSA)
- Staphylococcus aureus
- Vancomycin-resistant Enterococcus faecalis (VRE)
- Enterobacter aerogenes
- Escherichia coli O157:H7
- Pseudomonas aeruginosa
- Human immunodeficiency viruses (HIV)
- Middle East respiratory syndrome-related coronavirus (MERS)
- Severe acute respiratory syndrome-related coronavirus (SARS)
- Carbapenem-resistant Enterobacteriaceae (CRE)

"Human Coronavirus was found to be permanently and rapidly deactivated upon contact with copper"

- Dr Sarah Warnes

And that's not all...

✓ Shows dirt

"Stainless steel appears clean when it is dirty - surely that is troublesome. Copper, meanwhile, is criticised for tarnishing over time and for visibly showing dirt. I believe this is a positive, not a negative. Using our Copper Cleaning Disinfectant, clients can ensure that their touch surfaces will appear clean when they are indeed clean."

- Byron Bedford, CEO at ProEconomy Ibex

✓ Cost savings

"It can be approximated that in 2006 there were about 720,000 hospital-acquired infections in the United States, causing \$125 billion in extra hospital charges." ⁽¹⁾

✓ Bacterial resistance

"Copper and copper alloys have been used by humans for thousands of years, yet no bacteria fully resistant to [copper] contact killing have been discovered." ⁽¹⁾

Introducing ProEconomy | iBex

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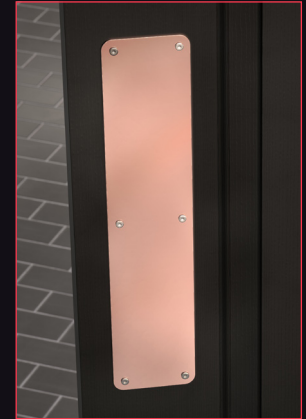
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- Tested to BS EN 1906:2010
- Durability Grade 4
- Compliant with BS8300
- Grade 304 stainless steel



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- Grade 304 stainless steel with a 10-year mechanical guarantee
- Electroplated in copper with a durable, thick coating that has been tested to last
- Durability Grade 4



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