



IS IT REALLY SAFE TO TOUCH?

A collection of various household products, including bottles of cleaning solutions, boxes of tissues, and containers of food, arranged on a white surface. The products are labeled with various terms related to germs and health: VIRUS, BACTERIA, INFECTION, COUGH, GERMS, UNHYGIENIC, SICKNESS, and SANITIZE. Other labels include Resist, Dirty, Gloves, Microbes, Catch, Protect, Disease, Mask, and Rice. The products are arranged in a way that suggests they are all potential sources of germs.

ECS continue to grow our Antibacterial range of products, designed to keep bacteria away from everyday life.

Anti-Microbial Emulsions

Due to the interest in our new Anti-Microbial range of waterbased coatings, with particular questions regarding its certification and approval for its effectiveness. We can confirm that our Anti-Microbial range of coatings have undergone independent testing conducted by our contacts at Biolab to standard ISO22196 and have been found to reduce up to 99.9% of bacteria/microbes on printed surfaces.

Tests were conducted on a printed substrate coated with our specialty coatings using a 5micron wet film weight.

This new range of coatings with its specialist anti-microbial action is recommended effective against the following list of microbes:

Antibiotic resistant Bacteria

<i>ESBL (producing Escherichia coli)</i>	<i>Found in humans, animals and the environment</i>
<i>CRE Klebsiella</i>	<i>Found in humans, animals and the environment</i>
<i>MRSA</i>	<i>Found in the skin, nose and throat of colonised individuals</i>
<i>VRE</i>	<i>Found in human intestines, female genital tract and also the environment</i>

Bacteria

<i>Acinetobacter baumannii</i>	<i>Found in soil and water and passed by people or surfaces</i>
<i>Bacillus subtilis</i>	<i>Found in soil and water, a cause of food spoilage</i>
<i>Campylobacter</i>	<i>Found in raw meat (usually poultry), and raw milk</i>
<i>Clostridium difficile</i>	<i>Found in human intestines and passed by people and surfaces</i>
<i>E. Coli & E.Coli O157</i>	<i>Found in intestines of animals or environments infected with E.Coli containing faeces</i>
<i>Enterobacter aerogenes</i>	<i>Found in soil, water, dairy products and human/animal intestines</i>
<i>Enterococcus faecalis</i>	<i>Found in human intestines, female genital tract and environment</i>
<i>Legionella pneumophila</i>	<i>Found in water i.e. hot tubs, and cooling systems i.e. air con</i>
<i>Listeria monocytogenes</i>	<i>Found in chilled food such as deli meat, smoked salmon, soft cheese and pate</i>
<i>Pseudomonas aeruginosa</i>	<i>Found in soil and water and spread by infections after surgery etc</i>
<i>Salmonella spp</i>	<i>Found in poultry, pigs, cattle and reptiles also carry this</i>
<i>Shigella spp.</i>	<i>Found in human faeces, pond water, lakes and untreated pools</i>
<i>Staphylococcus aureus</i>	<i>Found in the skin, nose and throat of colonised individuals</i>
<i>Staphylococcus epidermis</i>	<i>Found in the skin, nose and throat of colonised individuals</i>
<i>Streptococcus faecalis</i>	<i>Found in human intestines, female genital tract, and environment</i>

Mould and Fungi

<i>Aspergillus niger</i>	<i>Found in soil, as well as indoor and outdoor environments</i>
<i>Candida albicans</i>	<i>Found in the mucoid membranes and on the skin</i>
<i>Penicillium sp.</i>	<i>A common cause of food spoilage by microbial contamination</i>

Viruses

<i>Influenza A H1N1</i>	<i>naturally occurring virus in animals and birds</i>
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ABWB1000 Anti-Microbial Matt Emulsion

ABWB2000 Anti-Microbial Silk Emulsion

ABWB3000 Anti-Microbial Neutral Emulsion

ABWB4000 Anti-Microbial DS Gloss Emulsion

ABWB5000 Anti-Microbial SS High Gloss Emulsion

For more information on our Antimicrobial Emulsions click [here](#)
