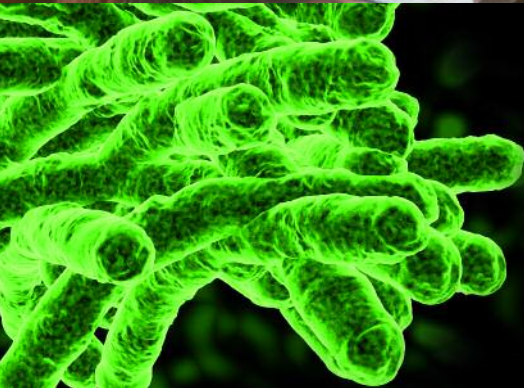


Anti-Bacterial Powder Coating



GDL's powder coating system protects against harmful bacteria contamination, including MRSA germs, in air distribution

Interpon AB Powder Coating's extra anti-bacteria action benefits air-flow hygiene control for all grilles, louvres, diffusers and dampers

Bacteria are in our environment constantly – in the air that we breathe and the surfaces that we touch. Although some bacteria are essential in promoting good health there are many others such as MRSA germs, that cause disease and infection.

As GDL Air Systems work within a broad range of industry sectors where hygiene is paramount such as healthcare, food hygiene, education, as well as the public and private sectors, it is necessary that we provide the most hygienic level of powder coating to our product finishes. We invested in a new state-of-the-art powder coating system and incorporated the Interpon AB coating which is proven to reduce bacterial colonies, including MRSA, by 99.9%. The high uptake of specifying this product finish by the architects, contractors and consultants we work with highlights the increase in organisations monitoring their air hygiene to ensure it meets the Health & Safety at Work Regulations.

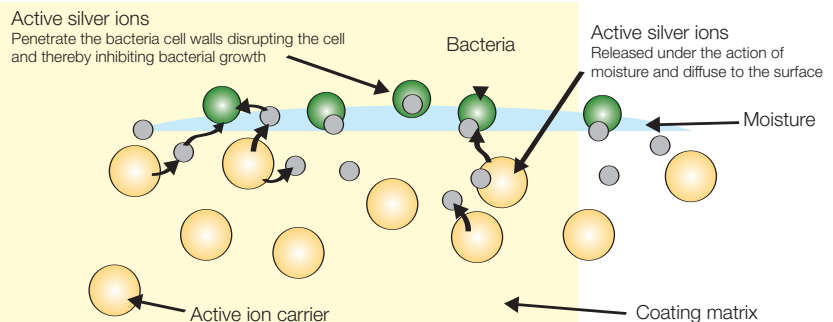
Bacteria Tested	%age CFU reduction
<i>Pseudomonas aeruginosa</i>	99.99
<i>Escherichia Coli</i> 0157	99.99
<i>Staphylococcus aureus</i> (MRSA)	99.99
<i>Bacillus subtilis</i>	99.98
<i>Salmonella enteritidis</i>	99.98
<i>Listeria monocytogenes</i>	99.98

Interpon AB tests are carried out to the internationally recognised standard JIS Z2801:2000. Interpon AB achieves a reduction in bacterial colonies below the detection rate and greater than or equal to Log 4.

The Interpon AB provides long term general protection against bacterial growth and is shown to exhibit zero growth for fungi and moulds. The coating delivers a constant and controlled release of Silver ions which remain active for periods in excess of 10 years. The active Silver ions penetrate the bacteria cell walls disrupting the cell and inhibiting bacterial growth.



HOW Interpon AB WORKS



Note: In animals the cell wall is too thick for the active ions to penetrate. Therefore, the active ions are not harmful to human health



Contact GDL's Technical Sales Team for more information on 01457 861538
Email: sales@grille.co.uk
or visit us online: www.grille.co.uk



GDL Air Systems Ltd

Air Diffusion Works, Woolley Bridge Road, Hadfield, Glossop, Derbyshire SK13 1AB

T: 01457 861538

F: 01457 866010

W: www.grille.co.uk