

## Bactericidal action

Most hygiene coatings offer bacteriostatic protection, ie; they will not support the growth of bacteria. **Photograph A** shows a conventional hygiene coating demonstrating bacteriostatic properties.

However, Biosan protection is bactericidal, ie; the bacteria will be actively killed, creating the halo effect shown in **Photograph B**.



Photograph A

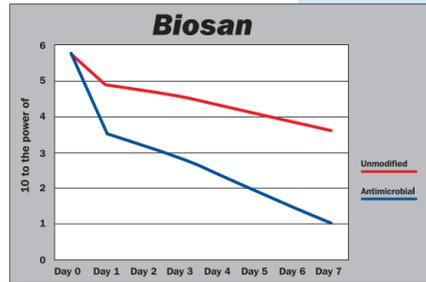


Photograph B

The bacteriocidal action can also be shown graphically

The graph shown compares the "kill" rate of a standard hygiene coating (red) against a Biosan hygiene coating (blue) when challenged with Staphylococcus Aureus.

The unique bacteriocidal action of Biosan has been independently tested and verified by a DEFRA approved laboratory.



**RUST-OLEUM MATHYS®**

# Biosan®

Hygiene coatings



## a healthy concept

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## Hygiene & Sensitive Environments

Outbreaks of illness caused by harmful bacteria such as E.coli, Listeria, Salmonella and so called 'super bugs' are constantly in the news. In fighting bacteria there is no substitute for good hygiene practices. However, significant extra protection is guaranteed with our Hygiene Coatings, containing anti-microbial protection to help create and maintain a hygienic environment.

To be classified as a hygiene coating the product must:

*Offer a seamless finish that is free of bacteria and easy to keep clean*

*Contain an anti-microbial agent that kills bacteria when it comes into contact with the surface*

Hygiene coatings should be considered for use in any environment where hygiene is of critical importance: e.g. hospitals, food processing plants, kitchens, dairies, breweries, abattoirs, leisure centres and schools.

The anti-microbial agent within our Hygiene Coatings is permanently bonded into the coating and actively kills bacteria throughout its operational life.



## Biosan® Hygiene Coatings

Biosan® is a range of Hygiene Coatings for walls, ceilings and floors, designed to help maintain a hygienic environment.

Biosan products prevent the spread of germs, reduce the risk of infection and protect us from harmful bacteria. Biosan provides an added layer of hygiene.

Biosan has the unique anti-bacterial agent BACTRON permanently bonded to the molecular structure of the coating, offering permanent protection for the operational life of the coating.

Bactron has been scientifically proven to kill most strains of bacteria including "super bugs",

by penetrating the cell wall of the bacteria and destroying its nucleus. N.B. Bacteria can not develop resistance to BACTRON!

Biosan products are formulated using unique modern water based technology providing the maximum performance in areas where high standards of hygiene are important.

## Rust-Oleum Mathys

Rust-Oleum and Mathys are both part of RPM, a world leader in the production of specialist coatings for industry and the consumer market.

Total net sales for the RPM group of more than \$ 2 billion make it one of the ten largest paint manufacturers in the world.

Together, Rust-Oleum and Mathys are able to offer their customers combined experience of nearly 250 years in the paint trade.

Rust-Oleum Mathys manufacture a range of protective coatings of proven

high quality, for applications that require maximum protection, durability, a minimum of maintenance, maximum returns on investment and minimal risks. They succeed where previous paint systems failed or generic paints cannot meet the requirements.

With regard to these conditions, key properties are anti-corrosion, floor surface protection, hygiene and waterproofing under severe conditions. Such heavy-duty applications require high quality coating systems and expert service.

Working with Rust-Oleum Mathys means working with a team of specialist sales staff and technical service engineers who function, free of charge, as your guides in solving problems and reducing paint maintenance costs.

Consult our customer service department for your nearest Expert Dealer, instantly available for advice and supply.

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## Biosan® Aqua

Single pack, water-based acrylic hygiene wallcoating. Ideal for the interior and exterior coating of walls and ceilings in low wear areas where hygiene control is of essential importance.

Biosan Aqua can be supplied with matt, satin or high gloss. Biosan Aqua gloss is available in white. Biosan Aqua satin and matt are available in white with more than 30,000 colours available via the Mathymix.



## Biosan® Aqua PLUS

Twin-pack, solvent free hygiene wallcoating. Ideal for the interior and exterior coating of walls and ceilings in areas where hygiene control is of essential importance and where high abrasion resistance is needed.

Biosan Aqua Plus is available in white with more than 30, 000 colours available via the Mathymix.



### Features

*Controls E.coli 157, Salmonella, Staph. Aureus, Listeria monocytogenes, Shigella, Yersinia and other bacteria.*

*Single pack*

*Water-based*

*Low odour*

*Excellent flow and levelling*

*Good filling power*

*High coverage*

*Good gloss retention*

*Easy to apply*

*+ 35.000 colours available*



### Features

*Controls E.coli 157, Salmonella, Staph. Aureus, Listeria monocytogenes, Shigella, Yersinia and other bacteria.*

*Semi-gloss finish*

*Extreme abrasion resistance*

*Solvent free*

*Low odour*

*Easy to clean*

*Chemical resistant*

*Excellent opacity*

*+ 35.000 colours available*

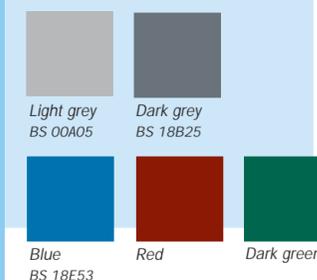


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## Biosan® Ultra

Two component, solvent free hygiene floorcoating. Ideal for the coating of floors in areas where hygiene control is of essential importance and where high abrasion resistance is needed.

Biosan Ultra is available in 5 standard colours.



*Note: Due to printing limitations, colours shown may differ from actual products*

### Features

*Controls E.coli 157, Salmonella, Staph. Aureus, Listeria monocytogenes, Shigella, Yersinia and other bacteria.*

*Semi-gloss finish*

*Extreme abrasion resistance*

*Solvent free*

*Low odour*

*Easy to clean*

*Chemical resistant*

*Excellent opacity*



## Biosan® Sealant

Solvent free, elastic hygiene jointing paste based on acrylic dispersions. Ideal for sealing, jointing, filling, fixing, glueing on concrete, wood, metal, glass, hard PVC, tiles, plaster, etc. Biosan Sealant is available in white.

### Features

*Controls E.coli 157, Salmonella, Staph. Aureus, Listeria monocytogenes, Shigella, Yersinia and other bacteria.*

*High elasticity (> 900%)*

*Alkali resistant*

*Very resistant to ageing*

*Waterproof*

*Very good adhesion on most substrates*

*Easy application*



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