

RUST-OLEUM MATHYS®

BiosanTM

Hygiene Coatings

a healthy concept



Biosan™ Aqua

Single pack, water based acrylic hygiene wall coating. Ideal for walls and ceilings in low wear areas where hygiene control is essential.

Biosan Aqua is available in white in Matt, Satin or High Gloss. Biosan Aqua Matt and Satin are also available in over 30,000 colours from the Mathymix ColourShop.



Features

- Controls *E.coli 0157*, *Salmonella sp.*, *Staphylococcus aureus*, *Listeria monocytogenes*, *Shigella sp.* and other bacteria.
- High gloss in White
- Matt & Satin in White plus over 30,000 colours
- Single pack
- Water based
- Low odour
- Excellent flow and levelling
- Good filling power
- High coverage
- Easy to apply



Biosan™ Aqua PLUS

Two pack, solvent free hygiene wall coating. Ideal for walls and ceilings in areas where hygiene control is essential and where high abrasion resistance is needed.

Biosan Aqua Plus is available in white and approximately 12,000 colours from the Mathymix ColourShop.



Features

- Controls *E.coli 0157*, *Salmonella sp.*, *Staphylococcus aureus*, *Listeria monocytogenes*, *Shigella sp.* and other bacteria.
- Semi gloss
- Two pack
- High abrasion resistance
- Solvent free
- Low odour
- Easy to clean
- Chemical resistant
- Excellent opacity
- Approx 12,000 colours



BiosanTM Ultra

Two pack, solvent free hygiene floor coating. Ideal for floors in areas where hygiene control is essential and where high abrasion resistance is needed.

Biosan Ultra is available in 5 standard colours.



Light grey
BS 00A05



Dark grey
BS 18B25



Blue
BS 18E53



Red



Dark green

*Note: Due to printing limitations
colours may differ slightly from those shown*

Features

- Controls *E.coli 0157*, *Salmonella sp.*, *Staphylococcus aureus*, *Listeria monocytogenes*, *Shigella sp.* and other bacteria.
- Semi gloss
- Two pack
- High abrasion resistance
- Solvent free
- Low odour
- Easy to clean
- Chemical resistant
- Excellent opacity



BiosanTM 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 0157*, *Salmonella sp.*, *Staphylococcus aureus*, *Listeria monocytogenes*, *Shigella sp.* and other bacteria.
- High elasticity (>90%)
- Alkali resistant
- Very resistant to ageing
- Waterproof
- Very good adhesion on most substrates
- Easy application



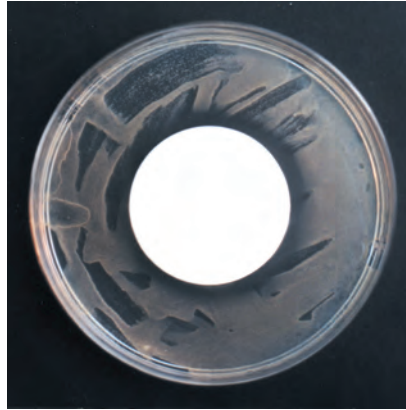
Bacteriostatic & Bactericidal action

The effectiveness of the antibacterial action of **Biosan™** Hygiene Coatings is evident in the following studies commissioned by Rust-Oleum Mathys.

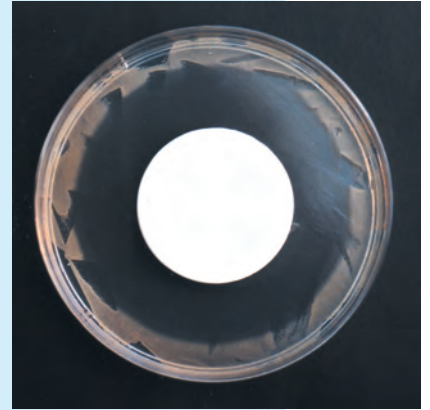
Bacteriostatic

Two sample discs coated in the same Rust-Oleum Mathys product were placed in petri dishes containing nutrient agar inoculated with *Staphylococcus aureus*. Paint sample B contained BACTRON™, paint sample A remained as a benchmark with no biocidal additives.

After 24 hours incubation a zone free of *Staphylococcus aureus* growth was evident around sample B. This zone of inhibition or 'halo' is a qualitative representation of the bacteriostatic effectiveness of BACTRON™ when compared with sample A.



Sample A



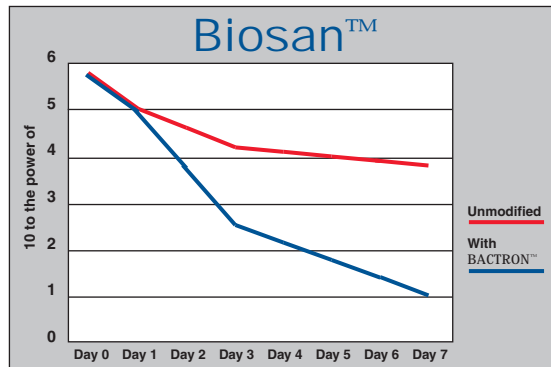
Sample B

Bactericidal

Bactericidal action can be quantified and shown graphically.

This graph compares the 'kill' rate of **Biosan™** containing BACTRON™ (blue) with a control (red) when challenged with *Staphylococcus aureus*. It uses a logarithmic scale to show that **Biosan™** with BACTRON™ kills 99% of bacteria during the initial 48 hours. After 7 days the bacteria cannot be detected on the BACTRON™ protected sample whereas significant numbers of potentially pathogenic (disease causing) bacteria are still surviving on the unprotected coating.

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



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RUST-OLEUM MATHYS
best solutions in paints & coatings



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