



Uniclass L6824:N343	EPIC E62:Y55
CI/SIB	Vv6 (U466)

STERISHIELD™

The superior hygiene paint



New silver bactericide actively inhibits bacteria

Proven effective against MRSA, *E. coli*, *Pseudomonas aeruginosa*

Durable, washable eggshell finish

Scrubbable, stain resistant Diamond Matt finish

STERISHIELD™

A revolutionary new breakthrough in anti-bacterial paint coatings

Good hygiene is crucial to reduce the risk of infection. Having an infection control strategy shows due diligence and **Sterishield** assists specifiers in their hygiene strategy to beat bacteria.

Sterishield supports the fight against bacteria such as MRSA, *E. coli* and *Pseudomonas aeruginosa* by promoting a more hygienic environment, in conjunction with good hygiene practice.

Sterishield actively inhibits bacteria within 12 hours of contamination, withstands repeated cleaning cycles and maintains anti-bacterial effectiveness.

Sterishield is available in Diamond Matt and Eggshell finishes. **Sterishield** is durable and washable making it ideal for high use areas that require regular cleaning. **Sterishield** increases its activity against bacteria when washed or scrubbed.



Can bacteria survive on walls?

Bacteria can come into contact with painted surfaces via a number of ways, for example, by the deposit of dusts and fine aerosols or by human skin contact and splashes of liquids. Some bacteria can survive on dry surfaces for intervals ranging from a few hours to a few days, in rare cases months and, in the case of certain bacterial spores, even many years. However, all require free water to grow. When contaminated water impacts on a surface it gradually dries out. Clearly, during this drying period there is a potential opportunity for any bacteria contained in the liquid to grow. This period will depend on the volume deposited, the ambient temperature and the humidity present.



Benefits of Active Silver Bactericide

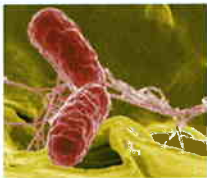
- Active at very low concentration
- Increased activity when washed or scrubbed
- Not classified as dangerous according to UK legislation
- Notified under the Biocidal Products Directive for Product-Type 2 enabling continued use for hygiene coatings beyond September 2006
- Already used in a wide range of medical applications



Proven effectiveness under simulated 'real life' test conditions

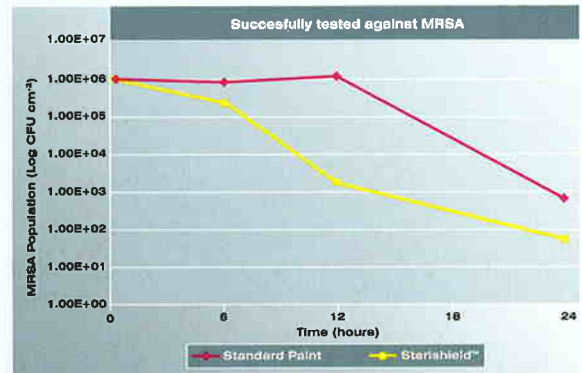
Sterishield is the result of an intensive and rigorous research and testing programme and tests show it is proven to enhance the reduction of bacterial populations within 12 hours of contamination. A Patent has been applied for: GB 0512194.

The following graphs demonstrate the dramatic rate of decline of the bacteria population on **Sterishield** compared with standard paint under the same test conditions.



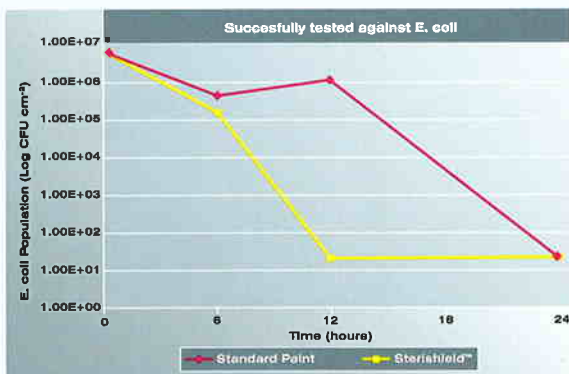
MRSA (Methicillin-Resistant *Staphylococcus aureus*)

A portion of the population carries this bacterium without any issues, however the infection can be spread to vulnerable patients. MRSA has proven to be resistant to Penicillin and Methicillin and strains have created major problems in hospitals where it can be a threat to patients' lives.



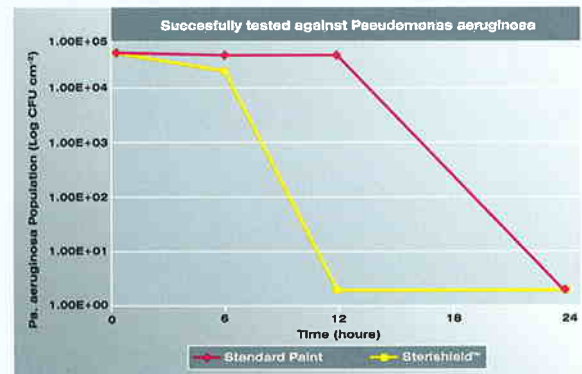
E. coli

Most strains of *E. coli* are harmless with the exception of strains such as *E. coli* 0157 which can cause health problems if ingested in small amounts.



Pseudomonas aeruginosa

Highly resistant to antibiotics, *Pseudomonas aeruginosa* thrives in many different environments and can cause disease in susceptible individuals.



Independently tested under simulated 'real life' conditions

All tests were carried out by an independent laboratory using a novel procedure based on the Japanese Industrial Standard 'Test for Anti-microbial Activity & Efficacy' (JIS Z 2801: 2000).

The novelty lies in the development of a 'real life' test procedure created to assess how long bacteria can survive on a paint film surface under ambient temperature and humidity conditions (20°C and 65% RH) for 24 hours.

STERISHIELD™

Outstanding performance
and expertise

A wide range of colour

Although inhibiting bacteria, **Sterishield** does not inhibit your colour choice. Both finishes are available in the extensive **Colour Palette**, BS4800 and the RAL colour ranges.

Diamond Technology

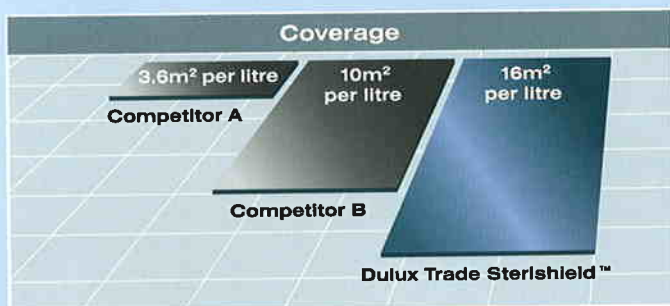
Sterishield Diamond Matt has all the benefits of **Dulux Diamond Technology**. It is highly durable, stain resistant and 10 times tougher than vinyl silks.

Quick and easy to apply, safe to use and easy to dispose of

Although it can achieve dramatic results, **Sterishield** is perfectly straightforward to use. Water based, it looks, smells, is applied and disposed of in just the same way as any standard emulsion paint.

Mould problems?

Dulux Trade has the answer to Mould problems. **Mouldshield** from **Dulux Trade** can provide the solution with its fungicidal additive.



No one goes further

Spreading rates have a huge financial impact on any project. Not only does **Sterishield** perform as a superior hygiene paint but it goes further, saving you money.

A wide range of applications

Dulux Trade **Sterishield** is ideal for hospitals, clinics, care homes, kitchens and food preparation areas.

Medical

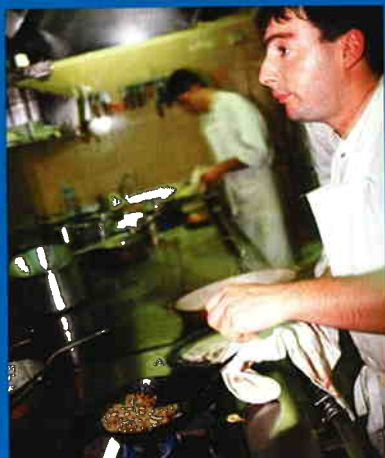
- Hospitals
- Clinics
- Doctors' surgeries

Industry and commercial

- Pharmaceutical manufacturing
- Food preparation
- Catering and kitchen operations

Accommodation

- Nursing homes, prisons, residential centres
- Local Authority and housing association properties
- Hotels and holiday villages





Sterishield is a revolutionary new water based hygiene paint developed by **Dulux Trade**, which actively inhibits bacteria. The secret of **Sterishield** effectiveness lies in its active silver based bactericide combined with the durable and washable nature of the paint film. **Sterishield** is effective against MRSA, *E. coli* and *Pseudomonas aeruginosa*, yet is also non-hazardous, and can be applied and disposed of in the same way as any standard emulsion.



Sterishield is a new product from the Specialist Products range. This is a comprehensive range of advanced products and service solutions from **Dulux Trade** that meet the needs of the professional specifier.

With the Specialist Products range you have the complete solution to the long term protection and maintenance of substrates for commercial environments.

- Pyroshield™
- Anti Graffiti Coatings
- Hydrostrip™
- Floorshield™
- Blockfiller+
- Dry Fall Eggshell
- Cladsure
- Metalshield™
- Mouldshield™

Site Surveys

Dulux Trade Specifier Account Managers will carry out a full site inspection. This will include assessment of the current condition of surface coatings, help with identification of difficult substrates and advice on extending maintenance cycles.

Specification Writing

Dulux Trade offers full specification support tailored to your individual requirements. This will ensure that correct preparation is highlighted and the products specified are the most appropriate for the location, environment and substrate type.

Contract Meetings

Dulux Trade Specifier Account Managers can attend pre-contract, tenant liaison, project review and post contract assessment meetings, ensuring collaboration and clear communication from concept to completion.



To obtain the best performance from ICI products, it is important to ensure that they are applied correctly to the specification and this is why **Dulux Trade** established the Contract Partnership scheme for painting contractors.

The scheme offers you the reassurance of using **Dulux Trade** approved contractors who work to an agreed code of conduct. Contract Partners undergo stringent independent auditing and ongoing assessment programmes to ensure the highest standards of professionalism, which mean that you can be sure of consistent quality standards across the board.

Contract Partners receive regular training on **Dulux Trade** products to ensure that they fully understand product application and performance characteristics ensuring that a quality job is completed effectively and efficiently, right first time.

For more details on the **Dulux Trade Contract Partnership** scheme please contact your local Specifier Account Manager or e-mail us at decr_dtcp@ici.com

Contact Us

For product / Health and Safety data sheets please visit our web site at www.duluxtrade.co.uk. For more information or technical advice please contact Dulux Trade Technical Advice Centre on **0870 242 1100** or at duluxtrade_advice@ici.com

Site Visits

During the course of the work, if required, site visits can be made to ensure that work is being carried out correctly and in accordance to the specification.

Report to Project Owners

A critical element of any project is minimising down time. Knowing the status of the work in progress and thus keeping control of events is equally important. The **Dulux Trade** Specifier Account Managers will ensure that Property Managers are kept closely informed about the status of all work in progress.

Colour Service

For larger painting projects, **Dulux Trade** Colour Consultants can provide help and advice on colour choice using *Dulux Previews*, our unique colour specification software.

Health and Safety

We can help and advise on Health and Safety issues relevant to the use of **Dulux Trade** products.