



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

Scrubable, 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

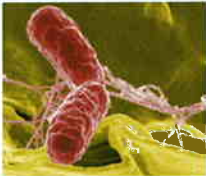
- Active at very low concentration
- Increased activity when washed or scrubbed
- Not classified as dangerous according to UK legislation
- Notified under the Biocidal Products Directive for Product-Type 2 enabling continued use for hygiene coatings beyond September 2006
- Already used in a wide range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



Proven effectiveness under simulated 'real life' test conditions

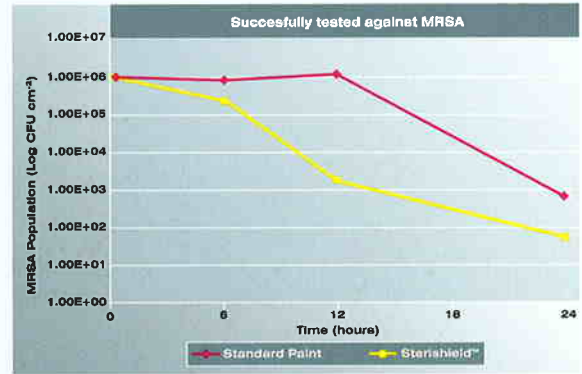
Sterishield is the result of an intensive and rigorous research and testing programme and tests show it is proven to enhance the reduction of bacterial populations within 12 hours of contamination. A Patent has been applied for: GB 0512194.

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



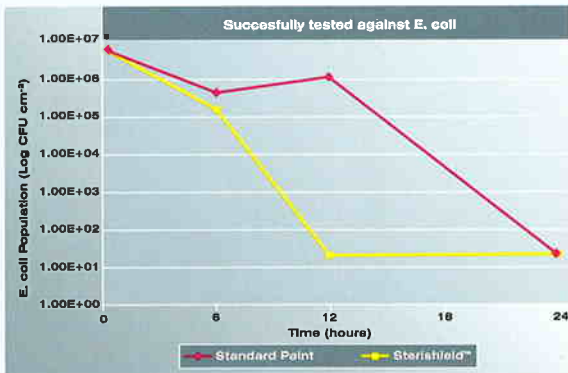
MRSA (Methicillin-Resistant Staphylococcus aureus)

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.



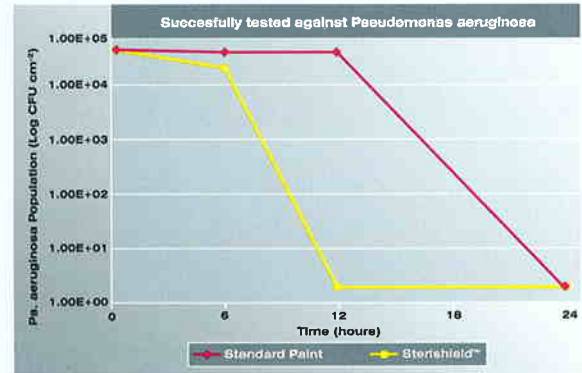
E. coli

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**.

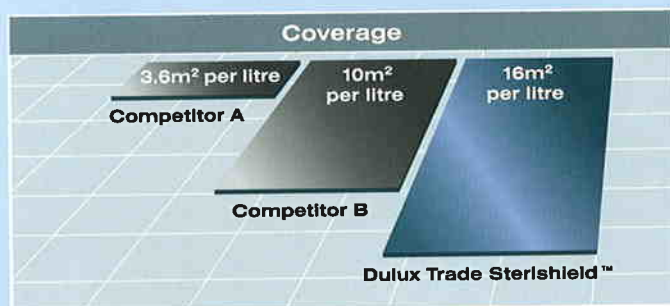
It is highly durable, stain resistant and 10 times tougher than vinyl silks.

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

