



# OPTIBACT

Lasts longer... cleans easier



## Premium Anti-bacterial Paint for walls & ceilings in healthcare settings

Dental practices | GP practices | Hospitals  
Care homes | Veterinary practices



### Bacteria is a fact of life.

What matters is that you are doing what you can to control harmful bacteria and minimise the risk of transmission of infection and illness.

OPTIBACT is a market-leading hygiene coating brought to you by commercial paint specialist, Protec Finishes.



Made in Yorkshire this is a seriously effective anti-bacterial paint that is also tough and great looking.

### Department of Health Guidelines for Dental Practices

Health Technical Memorandum 01-05:  
Decontamination in Primary Care Dental Practices

#### Surface and equipment: Decontamination, General

6.39 All surfaces should be such as to aid successful cleaning and hygiene. Wherever possible, surfaces (including walls) should be continuous and free from damage and abrasion. They should be free from dust and visible dirt.

Patients deserve to be treated in a safe and clean environment with consistent standards of care every time they receive treatment. It is essential that the risk of person-to-person transmission of infections be minimised as much as possible.

You can read more on the [Department Of Health Website](#).



### Why OPTIBACT?

OPTIBACT is quite simply one of the most effective hygiene coatings on the market today.

Hardwearing & stylish, this anti-bacterial paint has a contemporary matt finish and is colour-mixed to order in pretty much any colour you like.



### Why OPTIBACT?

OPTIBACT has been tested to rigorous industry standard ISO 22196 (JIS Z 2801), contains a higher percentage of anti-bacterial additive than any equivalent product, and is literally scrubbable.

Here we have a great looking paint that works hard for your money.

### The Scrubtest Results

OPTIBACT was recently subjected to an independent scrub-cycle.

The durability of OPTIBACT was tested against 3 leading equivalent durable paint products using an industry standard scrub-cycle method. This test shows the results of a 2,500 cycle scrub-test.

OPTIBACT successfully out-performed the durability of all 3 competitors products. See below for the end results.



### More About OPTIBACT

- Contains the highest percentage of anti-microbial additive
- Tested to rigorous industry standard ISO 22196 (JIS Z 2801)
- Reduces harmful bacterial colonies by 99.99%, including Salmonella, MRSA & E. Coli
- Effective in reducing fungal growth and blackspot
- Works for up to and beyond 10 years dependent upon the environment and cleaning regime

## More About OPTIBACT

- Hardwearing & scrubbable
- Stylish matt finish
- Colour-mixed to order
- Fast-drying, low odour
- Low splatter
- Water-based
- Covers Up to 16 sq m per litre

## Did You Know...?

Similar hygiene coatings on the market today use 'silver chloride technology' as their anti-bacterial additive. However, there is a limit to how much of this additive can be used before the paint discolours.

We've gone the extra mile and found 'Eradibac', an extremely powerful silver-ion based anti-bacterial additive that allows us to add a significantly higher percentage to our paint without any discolouration.

We believe that OPTIBACT is probably one of the most effective bacteria inhibitors on the market.

## The Quality Accreditation

All OPTIBACT customers are awarded the OPTIBACT 'Serious About Hygiene' accreditation including,



- OPTIBACT certificate
- OPTIBACT wall decal
- OPTIBACT JPG/ EPS graphic (for use on a website and in marketing literature)

What better way to reassure your customers?

## The Science

- OPTIBACT is a high performance, anti-microbial paint containing a silver-ion based additive. OPTIBACT contains a higher percentage of anti-microbial additive than most alternative hygiene coatings.
- OPTIBACT has been tested to rigorous industry standard ISO 22196 (JIS Z 2801)
- OPTIBACT reduces bacterial colonies by 99.99% , including Salmonella, MRSA & E.Coli.
- OPTIBACT remains effective for up to 10 years\*  
\* Depending upon the environment & cleaning regime.

## The OPTIBACT Lab Tests

For the determination of anti-microbial efficacy, the samples were challenged with a live S. Aureus inoculum (NBRC 12732) and a live E. Coli inoculum (NBRC 3972). These were incubated for 24 hours according to the test method ISO 22196 (JIS Z 2801). The inocula were then washed off and the viable counts determined.

To obtain a positive result against this demanding test specification a minimum of a log 2 (greater than or equal to 99%) reduction from both the control inoculums must be achieved.

## The OPTIBACT Lab Results

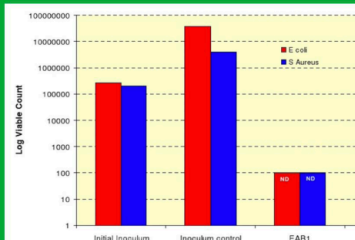
OPTIBACT (Sample EAB1) demonstrated an excellent anti-microbial effect against both bacterial challenges, more than sufficient to pass the ISO 22196 test specification. In fact this sample gave results quoted as < 100 (ND \*) against both bacterial challenges. This is due to the dilution factors used in the viable count method and in fact no viable colonies were detected on the test plates.

This is indicative of an extremely strong bactericidal effect.

\*ND = No Detectable Colonies

## The OPTIBACT Lab Results

Antimicrobial Test Results for samples Containing Eradibac 8000 Additive



1. Sample EAB1, the sample containing the antimicrobial additive, demonstrated an excellent antimicrobial effect against both bacterial challenges – the gram positive S aureus and the gram negative E coli – and readily passed the demanding ISO 22196 (JIS Z 2801) specification.

## About Eradibac

Eradibac technology is based on microscopic metallic silver as the active anti-bacterial component.



Its unique release mechanism can be tailored for different end use applications to ensure that it remains active for the recommended service life of the coating, when incorporated into formulations at the recommended level.

## About Eradibac (cont'd)

By contrast, the ubiquitous silver-containing anti-microbial that is offered widely elsewhere by marketing organisations tends to be silver chloride that is coated onto Titanium Dioxide pigment.

Silver chloride is relatively soluble in water and this rapid availability restricts the amount of additive that can be added before it discolours the host product. This increased solubility in combination with the necessitated low dosage means that although it passes the initial testing, the silver-chloride technology will have a tendency to have only a short effective service life.

Eradibac technology is based on a unique silver release mechanism that allows for a significantly higher level of incorporation, whilst minimising any discoloration due to tarnishing to a negligible degree and therefore tends to have better longevity in service.

## The OPTI product range



## OPTIMATT

Lasts longer... cleans easier

High performance, hard-wearing, waterborne matt finish, ideal for surfaces subject to high traffic and frequent cleaning. Lasts longer and cleans easier. Ideal for school corridors, factories, offices and public areas, as well as domestic applications in kitchens, bathrooms, halls, stairs and landings.

### Key information

- Formulation: Water-based
- Coverage: Up to 16 sqm per lt

### Key benefits

- Extremely durable and cleanable
- A high level of opacity resulting in easy coverage
- Fast drying, low odour, low splatter



## OPTISATIN

Lasts longer... cleans easier

High performance, hard-wearing, premium quality satin finish that is suitable for both interior and exterior use on wood and suitably primed metal surfaces. It provides a low odour, high opacity finish that is quick drying and non-yellowing.

### Key information

- Formulation: Water-based
- Coverage: 12 sqm per lt

### Key benefits

- Non yellowing
- High opacity
- Quick drying



## OPTISHEEN

Lasts longer... cleans easier

High performance, hard-wearing, waterborne sheen finish, ideal for surfaces subject to high traffic and frequent cleaning. Lasts longer and cleans easier. Ideal for school corridors, factories, offices and public areas, as well as domestic applications in kitchens, bathrooms, halls, stairs and landings.

### Key information

- Formulation: Water-based
- Pack sizes: Up to 16 sqm per lt

### Key benefits

- Extremely durable and cleanable
- A high level of opacity resulting in easy coverage
- Fast drying, low odour, low splatter



## About us

Established in 1999, Protec Finishes is a privately owned company providing premium commercial quality paints and coatings to a varied selection of business clients throughout the building industry including architects, developers and local authorities.

Providing first class products with excellent customer support has been the key to our ongoing success.

Our head office is located in Wetherby, West Yorkshire.



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