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Solutions for Hygienic Environments



Multi Functional
Hygienic Protection



Environmentally Friendly
Minimal VOC



Built-in Active
Biocide Technology

Maintaining Sterile Environments

One of the biggest threats to food and drink manufacturers, hospitals, pharmaceutical facilities and operators in the leisure industry is the growth of mould and bacteria, and this is not a problem that can afford to be ignored.

Flexcrete offers a range of hygiene coatings for the protection and decoration of internal walls and ceilings in hygiene sensitive environments. It's water-based, resin-rich Biodex coatings provide a totally seamless, easy clean finish and leave no joints or crevices in which bacteria can thrive. They offer long-lasting, reliable performance and complete peace of mind.

Complying with Hygiene Legislation

Highly publicised outbreaks of bacteria such as E.coli all too effectively demonstrate the need for the strictest hygiene standards and compliance with rigorously enforced hygiene legislation.

Formulated using advanced encapsulated biocide technology combined with the latest generation silver ion additives to combat germs, Flexcrete's hygiene coatings are proven

to prevent the growth of a wide range of mould, fungus and bacteria – including E.coli, Aspergillus and Penicillium. They are also non-leaching and non-toxic, making them totally safe to use in even the most sensitive of locations. Compliant with stringent hygiene legislation, they allow building owners and facilities managers to simply and safely meet the highest standards of cleanliness in virtually any hygienic operating environment.

Versatile Applications

Flexcrete's specialist coatings are formulated for use in a wide range of hygienic environments:

- Food & drink processing plants
- Pharmaceutical facilities
- Commercial kitchens & bathrooms
- Healthcare facilities including;
 - » Cat 1: Operating rooms, aseptic rooms
 - » Cat 2: Food preparation areas, laundry
 - » Cat 3: Sterilising rooms, utility areas, post operative recovery areas, corridors
 - » Cat 4: Bathrooms
 - » Cat 5: Wards, reception areas
 - » Cat 6: Changing rooms, offices

Technologically Advanced

Flexcrete's hygiene coatings are UK manufactured and are engineered to offer state-of-the-art technology:

- Intelligent protection which allows for the ultra-slow controlled release of active ingredients into the film throughout the long life span of the coatings
- Dual action mechanism, combatting both germs and the growth of micro-organisms
- Water-based formulations which are safe to install and safe for the environment



Biodex HB is ideal for walls and ceilings that are permanently exposed to moisture & humidity.

Biodex High Performance Coatings

Biodex products offer cutting-edge protection against common problems such as mould growth and infection control. They have been subjected to extensive testing to confirm resistance to a wide range of micro-organisms. In all tests, a rating of zero was recorded on the Evaluation Scale to demonstrate complete efficacy of the biostatic membrane with no growth on the surface of the coating.

▶ Anti-Microbial Protection

PROBLEM:

The growth of mould on coatings is a major problem in damp and humid environments such as in food processing and beverage plants. To provide effective protection against micro-organisms, a wall or ceiling finish must provide an easy to clean, hard-wearing surface that is free from joints, seams and other features which might harbour dirt.

SOLUTION:

Biodex coatings are non-toxic and non-leaching, and incorporate the latest proven encapsulated biocide technology to control the growth of micro-organisms. The advanced chemistry allows for the ultra slow release of active ingredients into the coating film throughout a long service life, even where harsh cleaning regimes are used. Biodex products are elastomeric and vapour permeable and don't crack or flake even under extreme temperature changes. They are also available in a range of decorative colours and finishes, including matt and sheen.



Mould growth is a common problem in damp and moist environments.

▶ Infection Control

PROBLEM:

Colonisation of micro-organisms can cause infections and diseases and effective control measures are imperative to eradicate or control this risk. Hospital-acquired infections (HAIs) are caused by a wide variety of organisms and can lead to the death of patients. An effective hygienic wall and ceiling finish is required to reduce the risk of HAIs.

SOLUTION:

The **Biodex** range of biostatic coatings combines traditional silver ion technology with encapsulated biocides to provide multi-functional protection. It's active in-film protection slowly releases biocidal ingredients to combat against the growth of HAIs, whilst the addition of silver ion technology provides effective antimicrobial performance and resistance to germs. Independent tests have shown effective control of a wide range of common micro-organisms such as E.Coli and MRSA, making it an ideal solution for hospitals and operating theatres.



Biodex systems help combat the risk of hospital-acquired infections (HAIs).

The Biodex Range

Biodex Sheen and Biodex HB lie at the heart of Flexcrete's offer for hygiene sensitive areas. When used in conjunction with suitable cleaners, primers and reinforcements, these products offer market-leading hygienic performance that can be relied upon for many years.

▶ Biodex Sheen

Biodex Sheen is a tough, semi-gloss hygiene coating which is specified for all industries where strict standards of hygiene are observed. It is available in a range of colours and is also widely used in many public areas requiring long term durability and efficacy. **Biodex Sheen** is the preferred biostatic coating for both maintenance and new build works, exhibiting very fast drying with two coats easily applied within a single working day using standard painting techniques.



▶ Biodex HB

Biodex HB is a highly elastomeric, high build hygiene coating for use in the most demanding service conditions. Inherently tough and permanently flexible, it is the ideal choice where substrate movement is anticipated, or where it is appropriate to impart additional tensile strength with overall reinforcement. **Biodex HB** has a full matt, low glare finish which is particularly well suited to hospital operating theatres, and is also manufactured in wide a range of attractive colours.



Structural Repair & Protection Technology from Flexcrete

- ▶ Concrete Repair & Protection
- ▶ Protective Coatings
- ▶ Structural Waterproofing
- ▶ Enhanced Durability for Concrete & Steel
- ▶ Waterproofing of Roofs & Floors

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