

Hygienic 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.



International® offers a range of hygiene coatings for the protection and decoration of internal walls and ceilings in hygiene sensitive environments. Our water-based, resin-rich Intercrete® 4880 series 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.

The **Intercrete 4880** series of hygiene coatings are formulated using advanced encapsulated biocide technology combined with the latest generation silver ion additives to combat germs. They are proven to prevent the growth of

a wide range of mould, fungus and bacteria, including E.coli, Aspergillus and Penicillium. The products 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 enable building owners and facilities managers to simply and safely meet the highest standards of cleanliness in virtually any hygienic operating environment.

Versatile applications

Intercrete specialist hygiene coatings are formulated for use in a wide range of hygienic environments:

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

Technologically advanced

Intercrete 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, safe for the environment and WRAS listed



Intercrete 4880 is ideal for surfaces that are permanently exposed to moisture and humidity

The Intercrete 4880 series offers cutting-edge protection against common problems such as mould growth and infection control. These specialist hygiene coatings 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, demonstrating 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 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 and seams which might harbour dirt.



Mould growth is a common problem in damp and moist environments

Solution: Intercrete 4880 coatings are non-toxic and non-leaching, and incorporate 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. The 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.

The Intercrete 4880 range

Intercrete 4880 and 4881 lie at the heart of our 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.

Intercrete 4880

Intercrete 4880 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. Intercrete 4880 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.

Intercrete 4881

Intercrete 4881 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. Intercrete 4881 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.

Infection control

Problem: Colonisation of micro-organisms can cause infections and diseases if effective control measures are not in place. Hospital-acquired infections (HAI's) are caused by a wide variety of organisms and can lead to the death of patients. An effective hygienic wall and ceiling finish is therefore required to reduce the risk of HAI's.



Intercrete systems help combat the risk of hospital-acquired infections (HAI's)

Solution: Intercrete 4880 biostatic coatings combine traditional silver ion technology with encapsulated biocides to provide multi-functional protection. Its active in-film protection slowly releases biocidal ingredients to combat against the growth of HAI's, 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.

