



Durable antimicrobial
product protection
for healthcare



Biomaster
Antimicrobial Technology

Round the clock antimicrobial product protection for healthcare applications

Healthcare associated infections (HAIs) are among the most common complications of hospital care.

Hygiene and cleaning protocols will always be the first line of defence in healthcare environments.

However, in an ever-changing system, it is important to look at the whole picture and identify what other cost-effective options can be put in place to reduce the risk of microbial cross-contamination.

Biomaster provides a second line of defence, reducing bacterial levels on product surfaces, providing an extra benefit in addition to cleaning alone.

Independently tested in thousands of applications, Biomaster protected surfaces have been shown to inhibit the growth of a range of bacteria including MRSA, VRE, *Acinetobacter baumannii* and *Pseudomonas aeruginosa*.

Biomaster technology inhibits the growth of harmful microbes round the clock, providing durable product protection for the useful lifetime of the treated article.

Biomaster is used extensively to complement existing hygiene protocols in healthcare facilities around the world.

It is very easy to specify. We work through your existing supply chain with minimum disruption and tell you what we charge for our

additive so you have complete control over costs.

We can also arrange independent testing for you and give you free technical and marketing support.

If we don't think that Biomaster is necessary for your application, we'll tell you.

In this brochure we have listed a few of our partners' products to demonstrate how Biomaster can provide protection for a wide range of applications.

To find out how simple it is to incorporate Biomaster into your existing supply chain or manufacturing process, visit our website or contact us at info@addmaster.co.uk or call +44 (0)1785 225656.

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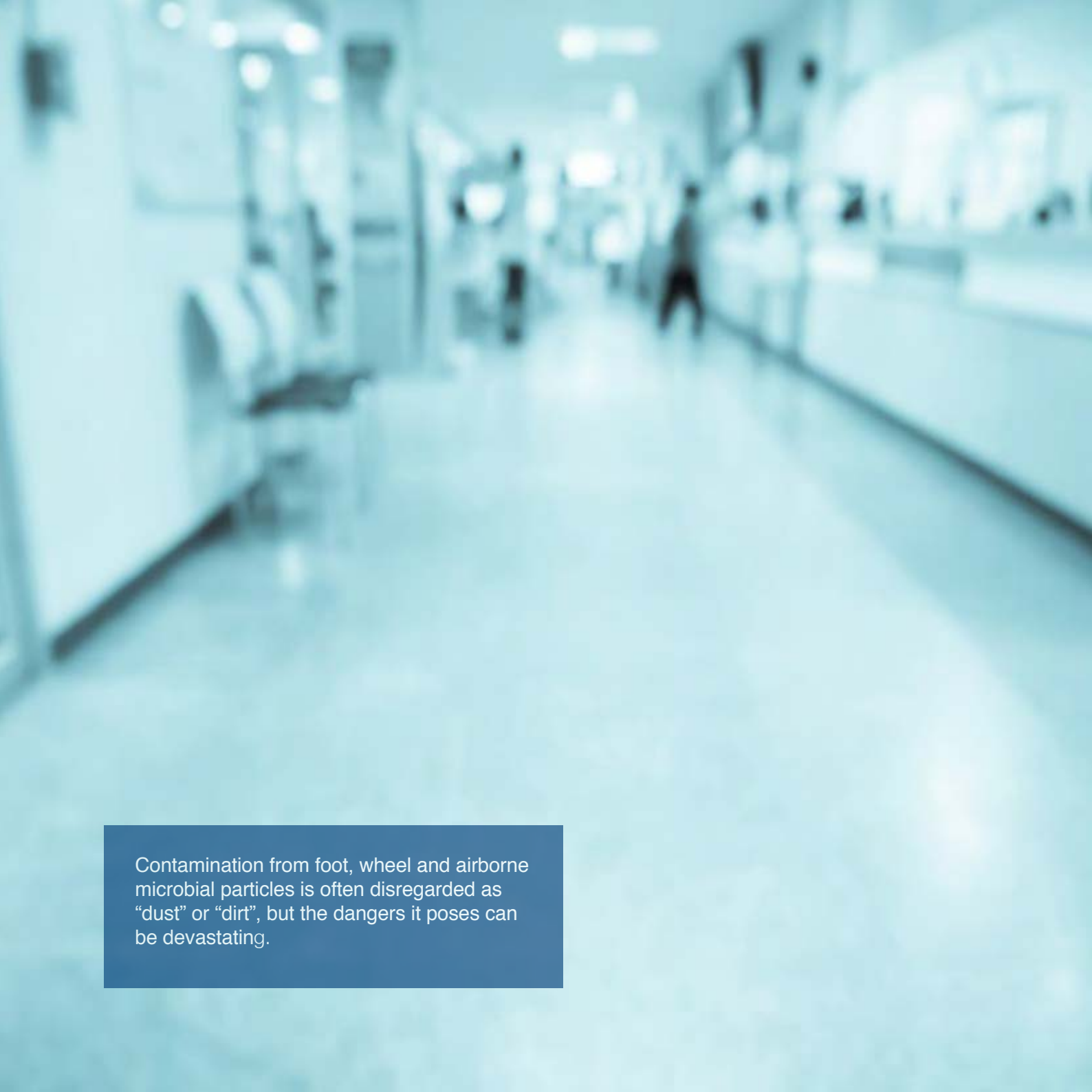


Antimicrobial protection for healthcare estates



The healthcare estate accounts for a significant portion of NHS spending. With a direct cost of £7 billion per annum, it is the third largest expenditure after staff and drugs.

Specifying materials containing Biomaster technology can reduce operational risk, helping protect product surfaces against microbial infection and making the NHS less expensive for patients and clinicians.



Contamination from foot, wheel and airborne microbial particles is often disregarded as “dust” or “dirt”, but the dangers it poses can be devastating.

Contamination control mats



Dycem is a world-leading manufacturer of contamination control floor solutions for hygiene-critical environments.

Biomaster protected Dycem control mats and flooring systems effectively trap foot, wheel and airborne contamination on their surface, reducing the risk of cross-contamination.

Research has shown that the use of Dycem mats can lead to a 75% reduction in airborne contaminants.

dycem.com





Lighting and Heating



Brandon medical is a UK manufacturer and designer of lighting technology for operating theatres, critical care areas and primary care institutions.

The Quasar® eLite lighting system containing Biomaster antimicrobial protection is designed for infection control.

The smooth, continuous antimicrobial surfaces are easy to wipe clean, with split lines kept to a bare minimum.

The Quasar® eLite light head is also sealed against the ingress of dirt and liquids.

brandon-medical.com



Flexion manufactures sensory optical fibre applications used in sensory learning exploration and special educational needs applications such as multisensory environments to stimulate children with learning disabilities.

Flexion's entire range of soft plastic sensory products is treated with Biomaster antimicrobial technology, making them more hygienic and reducing the risk of cross-contamination.

Flexion's PolymerSparkle also contains Scentmaster to replace the unpleasant smell of plastic with a vanilla fragrance.

flexionltd.co.uk



Radwraps radiator covers are a quick and low cost method of transforming old or unsightly radiators.

Much more efficient than traditional wooden radiator covers, Radwraps use an innovative patent pending design that allows heat to travel through the wrap without losing any energy.

Radwraps can also be printed with health information or other messages from third party advertisers, creating a revenue source whilst protecting radiator surfaces from harmful and bacteria.

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Medical Gas, HVAC and Cabling



Atlas Copco is a world leading specialist in the design, supply and installation of piped medical gas distribution systems.

Hospitals around the world rely on the company's Biomaster protected flagship product, the Beacon Medaes GEM SHIELD medical gas terminal unit.

GEM SHIELD is available in a wide range of mounting options, connection types and orientations for installations in walls, bedhead trunking, headwalls, theatre and intensive care pendant systems.

The Beacon Medaes TotalAlert Infinity medical gas alarm system also contains Biomaster antimicrobial protection.

atlascopco.com



Centaur, one of the UK's leading developer and provider of electrical cable manufacturing systems, has a range of uPVC products with Biomaster technology.

Centaur supplies the uPVC cable management market with everything from conduits and boxes to three compartment trunking, power poles and posts.

centaurmfg.com



The Kingspan PalDuct Eco System with Biomaster protection is an advanced pre-insulated rectangular HVAC ductwork system.

Kingspan PalDuct Eco panels comprise a fibre-free high performance rigid thermoset polyisocyanurate (PIR) insulation core, faced on one side with an embossed aluminium foil and the other with a smooth aluminium foil.

Both facings are coated with Biomaster technology.

The panels can be joined together to create a pre-insulated HVAC ductwork system that can resist the spread of surface bacteria.

kingspaninsulation.ae

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Medical Gas, HVAC and Cabling



R&M, the global Swiss manufacturer of cabling systems for top-quality and highly efficient network infrastructures, has developed a line of outlets and patch cords with Biomaster protection.

The R&MhealthLine range is suitable for health institutions, patient rooms and similar deployment areas which have an inherent risk of infection.

The plastic parts contain inbuilt antimicrobial technology to inhibit the growth of bacteria in compliance with ISO 22196.

rdm.com



Biomaster is easily added to any water, solvent, oil or powder based paint or lacquer to inhibit the growth of micro-organisms such as bacteria, yeast and mould. The coatings are ideal for use in hygiene critical and high traffic environments.



Paints and Coatings



Dulux Sterishield Diamond Matt paint is a quick drying, water-based coating incorporating Biomaster antimicrobial protection.

It is a tough, scrubbable, durable, stain resistant matt emulsion and is suitable for all normal interior wall and ceiling surfaces.

When combined with appropriate cleaning practices, Sterishield Diamond Matt paint helps to promote a more hygienic environment.

dulux.co.uk



Inducoat antimicrobial coatings offer a second line of defence against the growth of harmful bacteria and moulds.

Inducoat products are specified in institutions in which surface hygiene is the priority, including hospitals, care homes and other healthcare facilities.

Inducoat is the first and only coatings manufacturer to fully comply to the strictest authorization system of The Netherlands by the Dutch Board for Authorisation.

rd-inducoat.com



Jenflow Systems Ltd. provides epoxy resin floor systems for commercial and domestic applications. As well as floors, their products can be used on work surfaces, walls and ceilings.

Jenflow resin systems are available in a wide range of decorative finishes, including stunning marble effects and various colour combinations.

They are also available with antimicrobial technology, ideal for locations in hygiene-critical environments such as children's play areas, nurseries, kitchens, bathrooms, dining areas and hospitals.

jenflow.co.uk

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Paints and Coatings



Spanish company Omar Coatings manufactures technologically advanced, sustainable wall and floor coatings to protect and enhance the surfaces on which they are applied.

Omar varnishes, dyes and solvents are particularly suitable for environments where surface hygiene is critical.

omarcoatings.com



Resincoat is an antimicrobial surface coating for walls, floors, ceilings, doors and trim.

It provides a hard wearing abrasion-resistant 100% PU screed, suitable for a wide range of applications and available in a wide range of colours.

Resincoat can be used to enhance cleaning regimes and offer 'between clean' benefits, providing a more hygienic environment.

resincoat.co.uk



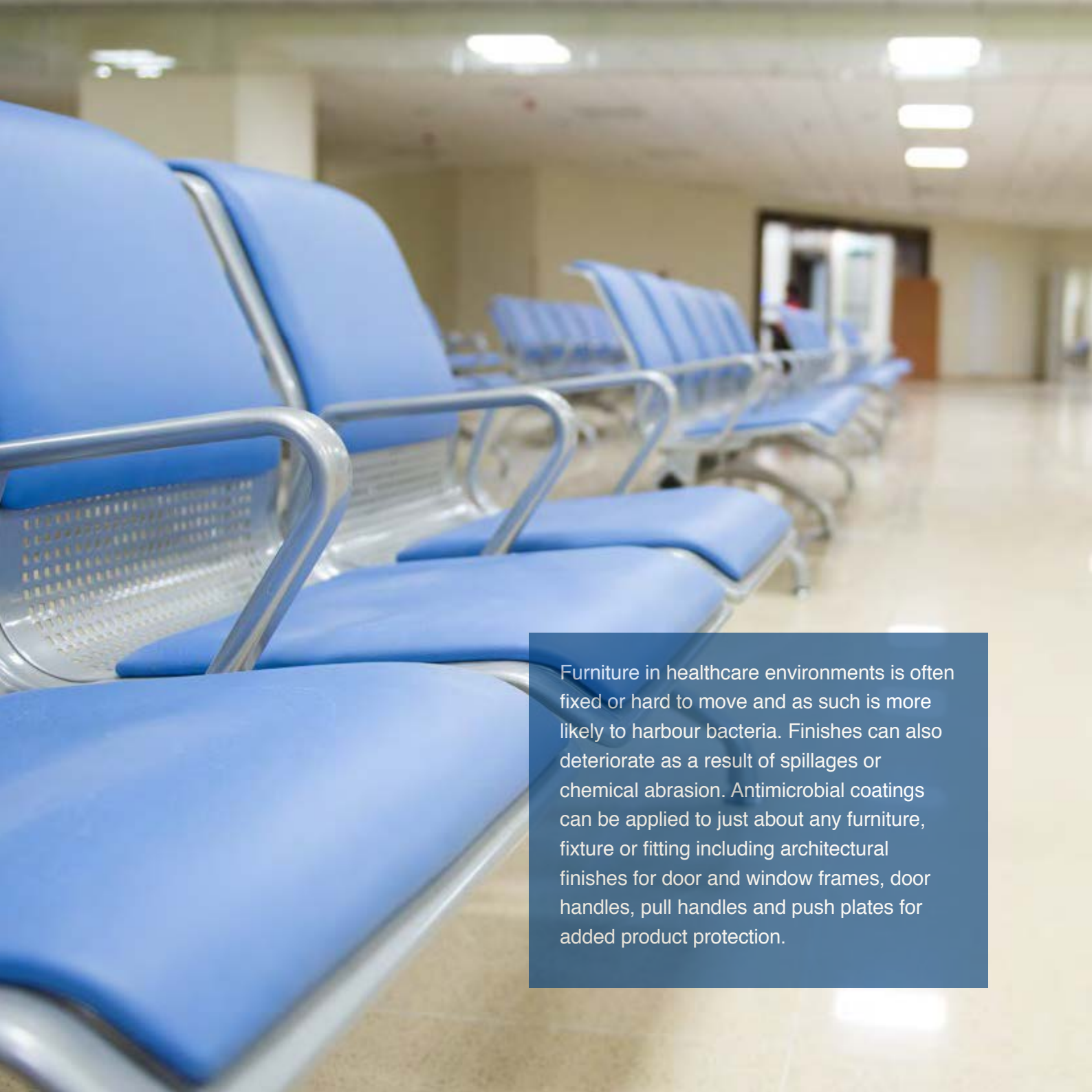
Urban Hygiene produces easy-on+, an antimicrobial finish with a 20-year life designed for hospital ICU's, theatres and wards.

The Biomaster-infused coating can be applied to any wall, painted or natural, in environments where hygiene is paramount

Once cured, easy-on+ forms a completely washable, seamless barrier offering product protection that reduces the ability of bacteria to grow on the surface.

urbanhygiene.com

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Furniture in healthcare environments is often fixed or hard to move and as such is more likely to harbour bacteria. Finishes can also deteriorate as a result of spillages or chemical abrasion. Antimicrobial coatings can be applied to just about any furniture, fixture or fitting including architectural finishes for door and window frames, door handles, pull handles and push plates for added product protection.

Powder Coatings



Axalta powder coatings are recognised for their high performance, providing outstanding durability and corrosion resistance.

Axalta antimicrobial powder coatings can be applied to furniture, fixtures and fittings including finishes for door and window frames, handles and push plates.

axaltacs.com



Sherwin Williams architectural powder coatings are a popular choice for finish on a variety of furniture and fixtures.

Also available as Biomaster antimicrobial powder coatings, offering a smooth finish to preserve and protect for the lifetime of the furniture.

sherwin-williams.com




Among the company's many innovative products are a range of fine-textured, super-durable powder coatings for architectural use, a corrosion protection coating system for steel substrates and a series of lower curing temperature powder coatings, resulting in significant energy savings.

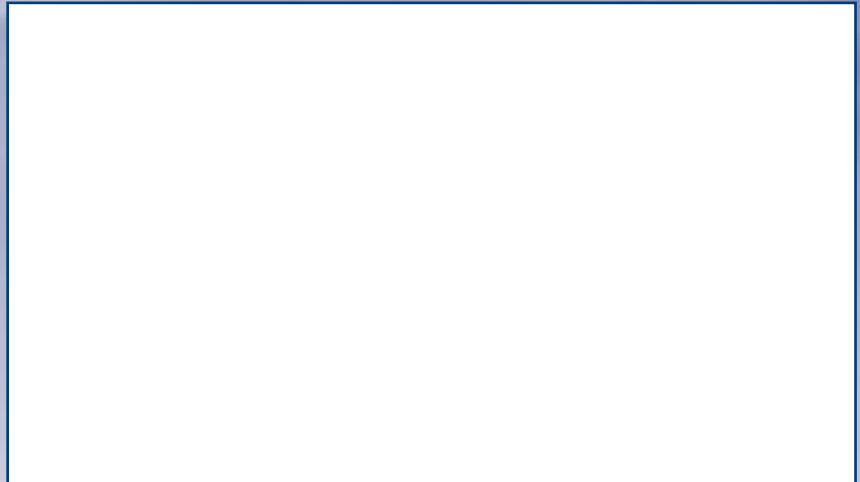
In addition to the standard range of powder coatings Neokem also offers a full range of coatings containing Biomaster technology.

neokem.eu

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A person wearing a white lab coat is shown from the waist down, cleaning a dark, reflective surface with a white cloth. The person's hands are visible, and the cloth is being used to wipe the surface. The background is a blurred, light-colored wall.

Cleaning processes are generally effective at reducing bacteria on surfaces, but as soon as cleaning stops, microbes begin to grow and with it the risk of bacterial cross-contamination.



Storage and Work Surfaces



ESE Direct supplies a wide range of shelving and storage solutions with a 10-year anti-corrosion guarantee antimicrobial powder coating for improved hygiene.

The coating inhibits the growth of dangerous bacteria such as Streptococcus faecalis, Salmonella typhimurium and MRSA.

esedirect.co.uk



Sealwise WCB is an ultra-hygienic antimicrobial sheet material for use within the health sector through cladding or HTM 63/71 specifications.

Tough, rigid, 100% waterproof and highly resistant to all types of common bacteria.

Sealwise can be fabricated using conventional tools and equipment and is currently specified in hygiene-critical environments including hospitals, GP surgeries and dentists building ward furniture, medical cabinets, cubicles and reception areas.

sealwise.co.uk

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Wallcoverings



Muraspec, one of the world's leading manufacturers of wallcoverings, has a new range of Biomaster protected products for the healthcare sector.

Currently applied to the Elan range of Type 2, 20oz. vinyls, woven and non-woven, Biomaster can also be applied to a broader range of products, as a 'special'.

muraspec.com



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Wall Panels and Cladding



Composite Fibreglass Mouldings Ltd. manufactures NoTile™ hygienic wall panels with Biomaster.

The panels are applied to walls with a grab adhesive and are simple to cut, fit and drill.

The grout lines are an integral part of the panel so do not support the growth of harmful bacteria or unsightly black mould.

NoTile™ panels are designed for speed of fit and low maintenance, making them ideal for any areas where hygiene is paramount such as hospitals, care homes, kitchens and washroom areas.

compositesfm.co.uk



Sealwise WCB is an ultra-hygienic antimicrobial sheet material for use within the health sector through cladding or HTM 63/71 specifications.

It is the hygienic choice for cladding and cubicles as its smooth, non-porous and totally waterproof surface ensures easy cleaning.

Sealwise can be fabricated using conventional tools and equipment and is currently specified in hygiene-critical environments including hospitals, GP surgeries and dentists.

sealwise.co.uk



Trovex provides a complete package of products to improve hygiene standards within the healthcare environment, including Activ:ion wall cladding.

Trovex Activ:ion with Biomaster has been tested in operating theatres and other infection controlled areas and is proven to outperform other wall finishes including stainless steel, preventing the growth of dangerous surface bacteria such as Streptococcus faecalis, Salmonella typhimurium and MRSA.

Cladding and doorsets from the Activ:ion range are simple to install, fire-resistant, easy to clean and available in a wide range of colours.

trovex.com

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AMBULANCE

HEALTH SERVICES



Transport



Blue Light Services is a specialist in ambulance vehicle conversions to the private and NHS ambulance market.

Infection control is now a large factor in the selection process for the materials used in the conversion of modern ambulances.

The company's entire fleet of Renault Master patient carriers is fitted with interior panels with inbuilt Biomaster protection.

Other vehicle conversions with Biomaster protection are also available to suit fleet requirements.

bluelightservices.com



International Ambulances was formed in 2016 based on a revolutionary new ambulance design, the ACESO.

This vehicle has been designed from the ground up to save lives and provide demonstrably better outcomes for patients, paramedics and hospitals.

Most of the internal fixtures and fittings, including interior panels, seating and grab rails will feature inbuilt Biomaster antimicrobial protection.


For more information visit the website.

internationalambulances.com

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A blurred background image of a hospital hallway with a person in the distance. The text is overlaid on a dark blue rectangular box in the upper left corner.

Antimicrobial protection for infection control



A wide range of Biomaster treated products are currently in use in NHS hospitals across the UK, inhibiting the growth of bacteria on surfaces around the clock.

Biomaster protected products include shower systems, keyboard and screen protectors, washroom and medical equipment, monitoring systems and medication systems.



System ID	Component	Status	Value
001	Power Supply	OK	100%
002	CPU	Warning	85%
003	Memory	OK	90%
004	Network	Warning	70%
005	Storage	OK	95%
006	Temperature	Warning	60%
007	Humidity	OK	80%
008	Vibration	Warning	50%
009	Pressure	OK	90%
010	Light	Warning	70%
011	Sound	OK	85%
012	Gas	Warning	60%
013	Radio	OK	95%
014	Television	Warning	75%
015	Refrigerator	OK	80%
016	Washing Machine	Warning	65%
017	Dishwasher	OK	90%
018	Stove	Warning	70%
019	Water Heater	OK	85%
020	Air Conditioner	Warning	60%

Communications & Monitoring Systems



Alert-IT is the UK's leading provider of assistive technology for persons with epilepsy, the elderly, frail and disabled.

Alert-IT monitors and alarms ensure a high level of watchfulness without the presence of a 24-hour carer.

The antimicrobial Companion Mini is the smallest, most compact wireless epilepsy support monitor of its kind and identifies motion associated with epileptic seizures whilst ignoring sleep activities.

alert-it.co.uk



Multitone Electronics is a developer of integrated wireless communication systems for healthcare organisations.

Multitone's Biomaster-protected EkoTek is a two-way wireless staff protection system that raises an alarm from the touch of a button, fall or lack of response from the user.

With location details provided with the alarm, assistance is directed straight to the user.

multitone.com



Pinpoint is the UK's leading specialist in staff attack systems for use when staff are at risk of violence when at work.

The security protection comprises a complete alarm system that once activated will attract attention from everyone around you, whether by sound, call or voice communication.

External system parts are protected with Biomaster antimicrobial technology.

pinpoint.ltd.uk

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Communications & Monitoring Systems



Static Systems is the leading UK provider of nurse call systems, recognised for its engineering and design skills.

The RNIB (Royal National Institute of Blind People) endorsed patient hand unit is designed for use by people with a range of disabilities.

It has many advanced features including a market leading five year warranty and improved infection control with inbuilt Biomaster antimicrobial protection.

staticsystems.co.uk



TW Electronics worked with Biomaster to develop a custom solution to the common risks associated with dirty control units - an ultra-hygienic hand-set with antimicrobial technology, offering an additional level of product protection to complement regular cleaning routines.

All of the surface components of the remote control are produced using a mixture of normal material and Biomaster antimicrobial technology.

The protection lasts for the useful lifetime of the device, working 24/7 to inhibit the build-up and growth of bacteria.

tweltronics.co.uk




The Biomaster protected Vimar Plana antibacterial Call-way bus system offers scalable solutions tailored to each specific facility, whether a small clinic or a large hospital.

The Plana range can meet any requirement while guaranteeing compliance with standard VDE 0834-1-2.

Solutions available for small facilities with call terminals and programmable control units with 8 inputs and 8 outputs; for clinics and medium sized health-care facilities with room displays and call terminals and for large hospitals with room displays, call terminals, corridor displays and sound system management.

vimar.com

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A healthcare professional in blue scrubs with a stethoscope is seated at a desk. The professional's left hand is on a black keyboard, and their right hand is holding a silver pen over a clipboard with a white sheet of paper. The background is a bright, out-of-focus clinical setting.

Keyboards and touch screens are recognised exposure pathways for cross-contamination.

Computers & Peripherals



Bytec Medical manufactures an antimicrobial easy-clean, wireless, USB keyboard designed for improved infection control and functionality for hospital and medical environments.

The Medi-Key medical grade keyboard is made of waterproof hypo-allergenic silicone rubber, so it can be washed under running tap water.

The keyboard's surface is also Biomaster protected, helping prevent the growth of bacteria.

bytec.co.uk

GraphicArt

Graphic Arts Ltd. manufactures antimicrobial membrane keyboards and graphic overlays commonly found on any type of equipment or gadget that has a user interface, for example, fascias for industrial controls, access control systems, medical equipment, household appliances and security systems.

Antimicrobial membrane keypads and graphic overlays are a smart, cost effective means of infection control in the workplace.

The Beacon Medaes TotalAlert Infinity medical gas alarm system is also protected with Biomaster graphic overlay.

graphic-art.co.uk



Innervision Technology produces Tough-PAC covers - sealed robust shells with internal shock protection together with rapid charge docking and an antimicrobial casing.

The product is designed for iPads and iPhones typically used for quick access to patient files and the input of data.

The design also allows the device to be effectively cleaned with industry standard materials.

innervisiontechnology.com

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Medical Equipment



Bytec Medical provides a range of carts, roll stands, mounting arms and battery systems.

The award-winning Biomaster protected Geni-Tec Power System is designed to integrate with the company's range of medical carts but can also be used as a stand-alone power system.

Geni-Tec can supplement existing module power, provide uninterrupted power supply, or mobilise otherwise static equipment.

The Geni-Tec battery system is safe to wash under water as the unique design ensures that the battery terminals are never supplied with current when the battery is disconnected.

bytec.co.uk



Dycem Non-Slip products were designed as daily living aids for both independent living and caregivers but they can also free up time for medical professionals by giving hospital patients the confidence to tackle day-to-day challenges.

The products are non-sticky but grip on both sides to prevent movement. They are ideal for improving grip, providing support, stability, visual cues and confidence during everyday activities and exercise.

The range includes non-slip placemats, floor mats, self-adhesive strips and reels of non-slip material, which can be cut to size and used anywhere.

All Dycem Non-Slip products contain inbuilt Biomaster antimicrobial protection.

dycem.com



Haigh Hygienic Solutions is renowned for providing the most reliable macerators for hospitals and care homes to dispose of human waste and pulp product - reliability means fewer breakdowns and better infection control.

Biomaster technology is built into the smooth surfaces of the Quattro range of macerators, which are also very compact so that they can easily be cleaned to minimise infection risk.

haighmed.com

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Medical Equipment



Irish company CMC Hygea Ltd. manufactures medical devices designed for infection control.

The PathAguard® ABLiS® is a unique, multi-patient use, antimicrobial bathing system designed to break the chain of infection and reduce the spread of healthcare associated infections during routine hygiene activities.

The PathAguard® LUCA® Vessel and Liner system is an alternative to conventional methods currently being used to aid the treatment and bathing of leg ulcers and lower limb wounds in healthcare facilities.

cmchygea.com



Envisen International is a Chinese designer and manufacturer of components for patient monitoring systems and other medical devices, including anaesthesia and respiratory equipment.

The QTube™ Bilumen advanced Breathing Circuit has inbuilt Biomaster protection in the tube and connector.

For a full product specification visit the Envisen website.

envisen.com



Herbitas is a Spanish company specialising in the production of footcare products for podiatrists, orthopaedics and pharmacies for the care, treatment and prevention of foot problems, especially insoles and heel cups.

Podiablend Silicone paste containing Biomaster antimicrobial protection is a synthetic orthotic which can be made to measure and moulded according to the need or function, e.g. for support, correction or prevention.

herbitas.com

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Medical Equipment



Nexus Medical has developed Needlesmart to improve healthcare staff safety and reduce the cost of disposal of post procedural needles.

NeedleSmart heats a hypodermic needle into a molten state, prior to compressing it into a ball. The process takes just a fraction of a second to create a safe, sealed sphere of sterile metal that is no longer sharp.

The needles inserted are heated to above 1300°C which kills potential harmful pathogens, virus and bacteria adhering to the needle.

The outer casing is protected with Biomaster antimicrobial technology.

needlesmart.com



Manufacturers of infection control furniture and equipment for the healthcare sector, Nojerm has launched a new range of ultra-hygienic modular wall mounted and mobile privacy screens.

Cleenscreen panel surfaces are smooth and devoid of microbe-attracting areas, enabling quick and thorough cleaning.

Cleenscreen panels also contain Biomaster technology to help protect product surfaces against the growth of bacteria.

The Cleenscreen system is modular so that the panels can be re-configured to suit any particular application and can be disconnected for terminal cleaning if required.

nojerm.com




Warwick Sasco, manufacturer of re-usable polyware for hospitals, has a range of antimicrobial holders for pulp bed pan products.

The Biomaster protected Spa Bed Pan and Spa Slipper Pan supports are manufactured from virgin grade material, are lightweight, strong and durable and ideal for patients confined to bed due to illness or surgery.

They can be cleaned in automatic washer disinfectors or hand washed and their smooth surface ensures both ease of use and cleaning.

sasco.co.uk

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Waterborne micro-organisms are problematic for people vulnerable to infection. Biomaster has worked with several partners to develop showering systems containing antimicrobial technology to protect component surfaces.

Shower Systems



Azureliving International manufactures a Biomaster protected shower system designed for healthcare.

The hand held shower head and hose contains inbuilt antimicrobial technology, meanwhile the clean and simple shower design has less surface area than a standard showerhead for water to remain trapped.

azl.com.hk



Con-Serv specialises in the design, manufacture and supply of bathroom, healthcare and plumbing products for domestic and commercial environments.

The Con-Serv hand-held shower head outer casing and hose contain Biomaster protection as a second line of defence against waterborne pathogens.

con-serv.com.au



Contour Showers is a UK specialist manufacturer of disabled bathrooms, level access showers and walk-in wetroom showers, all providing a variety of shower adaptation solutions designed to help elderly and less able people maintain an independent lifestyle.

The Contour Showers range comprises over 60 types and styles of shower tray incorporating Biomaster antimicrobial technology.

contour-showers.co.uk

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Shower Systems



Dart Valley Systems is the market leader in water saving products and automatic washroom products for specialist applications.

The portfolio includes a range of fixed shower heads with inbuilt Biomaster antimicrobial protection.

These strong, durable and ligature resistant heads feature a one-piece antimicrobial ABS outlet, reducing opportunities for cross-contamination.

dartvalley.co.uk



The Medi-Shower system is designed to reduce bacterial growth and biofilm build-up.

The system comprises an antimicrobial shower head and hose with a colour coded removable spray insert for infection control.

According to a case study published by the NHS Sustainable Development Unit, Medi-Shower can reduce waterborne bacterial infection in hospitals while significantly lower in cost, reducing waste, water and labour.

medi-shower.co.uk



T-Safe® Hygiene Showers with Biomaster technology have colour coded shower heads and hoses which are exchanged for new on a quarterly basis.

Each colour code corresponds to an annual maintenance program chart, thus providing a visual indicator that compliance has been achieved.

The unique design of the T-Safe® includes a removable face-plate that enables internal inspection of the shower head condition or quick and effective cleaning between planned quarterly exchange cycles if required by the risk assessment.

t-safe.co.uk

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Good hand hygiene is the best weapon against illness, but up to 25% of us don't wash our hands after using the toilet. Even if you clean, sanitize and disinfect surfaces regularly, they can become contaminated from the very next touch or from airborne microbes.



Washroom Equipment



Pull cords in washrooms are a potential infection risk.

They become contaminated with faecal and skin bacteria, representing a potential source of cross-infection and health risk to the user.

The multifilament braid design of commonly used cords in healthcare and domestic settings, which has an uneven surface, also makes effective cleaning very difficult.

The anti-ligature Clean PullCord has a durable wipe clean coating impregnated with Biomaster and can be used with standard cleaning products or disinfectants.

cleanpullcord.co.uk



Colex International is a market leading supplier of high quality hose and tube including Biomaster-treated WRAS approved hoses.

Certain types of flexible hose can allow chemicals to leach into water supplies. Where this occurs there is a greater risk of bacteria forming biofilms which can harbour various harmful organisms including Legionella and Pseudomonas.

Biomaster-treated VendHose-HYTSI flexible hose liner is a WRAS approved hose suitable for use in all potable water supply applications especially where the antimicrobial properties are critical.

colexint.com



Regular hand dryers with standard filters can simply draw in dirty washroom air and blow it back on to your hands.

The advanced design of the Biomaster protected Dyson Airblade filters out 99.9% of bacteria.

The outer casings are also Biomaster protected to reduce the build-up of surface bacteria.

dyson.co.uk

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Washroom Equipment



Ideal Standard, provider of design-driven bathroom solutions, has developed a new ceramic glaze, SmartGuard+ with built-in product protection against bacteria.

SmartGuard+ was developed to help reduce the opportunities for bacteria to grow on bathroom surfaces such as washroom basins and toilet bowls.

SmartGuard+ is a unique glaze that combines the benefits of an antimicrobial additive with a specially developed hydrophilic glass layer. During the firing process the additional thin layer in SmartGuard+ reduces the microscopic indentations in the substrate creating an even smoother, antimicrobial surface.

armitage-shanks.co.uk



Rentokil Initial is one of the UK's leading providers of washroom solutions.

The company provides a comprehensive range of washroom products including hand dryers and towel dispensers incorporating Biomaster antimicrobial protection.

Visit the Rentokil website for more details.

rentokil-initial.com



Vectair Systems has developed a range of products that promote maximum hygiene incorporating surface resistance to bacterial build-up.

The stylish Femcare™ MVP range of feminine hygiene waste disposal units have built-in Biomaster technology.

The manual Sanitex® MVP Skin Care and Surface Cleaner Dispensers also benefit from in-built Biomaster antimicrobial protection.

Sanitex® MVP dispensers are available in a white or black finish, with a choice of white or chrome colour inserts.

These units provide effective and long-lasting protection against cross-contamination from harmful germs such as MRSA, E.Coli and Legionella.

vectairsystems.com

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Washroom Equipment



Similar to a toilet brush, WC-STICK is not used for cleaning the toilet, but for the hygienic removal of residues immediately after use.

It has a disposable tip which can be used to remove any residue then you simply eject it and flush it away.

The WC-STICK applicator contains inbuilt Biomaster antimicrobial technology.

wc-stick.com





Water Filtration



Aqua-tools is a pioneer in the development of point-of-use water filters for showerheads and faucets.

The Biomaster protected FILT'RAY 2G filter system provides a physical barrier for quick control of waterborne pathogens in order to reduce healthcare-associated Infections (HAI's).

These filters are recommended for use in areas with high-risk patients.

aqua-tools.com



Biogen is a specialist in water hygiene, manufacturing leading technology in point-of-use sterile water filtration.

The housing of the Biomaster protected point-of-use tap filter H2Otap 3000 inhibits most types bacterial growth and is suitable for food and medical use.

Biogen filters are 100 % compatible and resistant to other systems preventing waterborne pathogens such as chlorination, thermal shock, etc.

biogen.com

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Antimicrobial protection for hotel services





According to the World Health Organisation around 16 million people die every year from infections contracted in hospitals.

Biomaster can complement infection control procedures as a powerful second line of defence in a wide range of applications.



Housekeeping



Crisp Clean Services Ltd. is a leading UK manufacturer of high quality cleaning systems for hospitals.

Unique to their range is the patented, Biomaster-protected Silver mop, a recognised method for reducing bacterial growth within the textile mop head.

crispclean.co.uk



Fibratesco produces professional floor cleaning and polishing pads with inbuilt Biomaster technology.

Unlike regular cleaning pads, Fibratesco Range 6 Silver pads do not become a propagation vehicle for bacteria to spread from one environment to another.

fibratesco.com




Hillbrush manufactures a wide range of cleaning tools including high quality brushes with inbuilt antimicrobial protection that effectively inhibit the growth of bacteria on the surface of the product.

The Hillbrush range is also complemented by bespoke antimicrobial shadow boards to highlight usage and misplacement of cleaning equipment.

hillbrush.com

EASY TO
SPECIFY -
FIND OUT
HOW



Paper is inherently difficult to clean, which makes it a perfect breeding ground for bacteria and a known source of cross-contamination.* Biomaster provides lasting antimicrobial protection on menu cards, order books and other shared paperwork.

*Journal of Industrial Microbiology & Biotechnology 2003

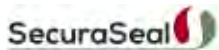
Print supplies and Signage



Easibind International specialises in bespoke print and signage for government sectors including the NHS.

All Easibind products are supplied with antimicrobial protection to reduce the risk of cross-contamination on sensitive touch points in public places and retail spaces.

easibind.com



SecuraShield™ laminating film with Biomaster protection has a matt or gloss finish and is available in laminating pouch and roll films formats for healthcare industry documents.

Ideal for protecting signage, information boards, banners, exhibition, conference and event graphics and commercial signs.

securaseal.co.uk



In healthcare it is essential to do everything to ensure patient safety. Patient files, a known vector for cross-contamination, are one example where antimicrobial protection can help inhibit the spread of infections.

Galloways printed matter with Biomaster protected paper and board provides effective, lasting antimicrobial protection, reduces the risk of cross-contamination and prevents bacterial build-up in storage.

galloways.co.uk



KJB Print UK provides a comprehensive range of print and related services from layout and creative design, multi-colour litho and digital printing to warehousing, mailing, distribution, digital asset management, bespoke on line ordering, project and print management.

ISO accredited antimicrobial paper coatings give peace of mind when using printed items in sensitive environments by providing effective and long lasting protection.

EASY TO
SPECIFY -
FIND OUT
HOW



Tableware

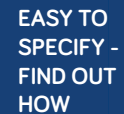


Harfield Components is the UK's leading manufacturer and distributor of virtually unbreakable tableware, including plates, bowls, tumblers, jugs, trays, cutlery, beakers and cups.


Harfield's Biomaster-protected tableware range is a response to a growing need to help reduce dangerous bacteria in hospitals, nursing and care homes and other catering environments.

All tableware products are available in a wide range of colours.

harfieldtableware.co.uk



EASY TO
SPECIFY -
FIND OUT
HOW

A person wearing a white uniform is holding a clear plastic bottle over a row of recycling bins. The bins are lined with purple, green, and yellow bags. The person's hand is positioned near the top of the bottle, which is held vertically. The background is slightly blurred, showing a bright, indoor setting.

Scentmaster technology can help keep waste liners smelling pleasant and fresh by introducing new fragrances or by blocking offensive or unwanted odours.

Waste Collection



Cromwell Polythene supplies Sansafe® hygienic bin liners, with inbuilt Biomaster and Scentmaster scent masking technology.

The liners use recycled material and are tested to ISO22196, offering antimicrobial protection to hygienic liners for sanitary and medical disposal services, waste management and janitorial sectors.

cromwellpolythene.co.uk



Opalion Plastics supplies a number of bin liners and refuse sacks with Biomaster antimicrobial protection (also with Scentmaster additive to mask any unpleasant smells).

These bags can be supplied either from stock or in bespoke form to your specific requirements.

opalion.co.uk



Femcare™ antimicrobial scented liners are also available to use in conjunction with the Femcare™ MVP disposal system.

It is the first feminine hygiene waste liner to incorporate Biomaster protection and odour eliminating technology.

vectairsystems.com

EASY TO
SPECIFY -
FIND OUT
HOW



Workwear and Laundry Services



Panter provides high quality protective footwear for working environments.

Panter footwear is flexible, impact-resistant, electrical-resistant, ergonomically tested and exceeds the strictest European safety and quality standards.

The range also includes safety shoes designed for healthcare with Biomaster protection in the soles.

The protection proven effective against harmful pathogens including HAI's.

panter.es

Workwear and laundry

Biomaster can be added to any textile or fabric at any stage of production without affecting the characteristics of the material to provide durable and effective protection against odour-causing bacteria.

Biomaster-treated fabrics don't have to be washed as frequently and can be washed at a lower temperature, saving water and energy, causing less damage to the fabric and increasing durability, while retaining the antimicrobial benefit associated with much hotter wash cycles.

We are working with specialists in rental, laundering, maintenance and delivery of workwear to incorporate Biomaster laundry wash into their process for lasting on site antimicrobial protection to catering garments and uniforms. For more information email us at info@addmaster.co.uk.

Fabric wash and spray

Biomaster Hygiene Control fabric wash and fabric spray reduce the microbial load, both bacterial and viral, in all types of soft furnishings and fabrics including chairs, curtains and carpets.

Both products can be easily incorporated into existing cleaning and commercial laundry regimes, inhibiting the growth of bacteria including Norovirus on the surface of fabrics.

Laboratory tests show that fabrics treated with silver-ion technology produce fewer malodours and therefore provide a fresher environment.

Biomaster fabric wash and fabric spray are available online from The Hygiene Doctor.

thehygienedoctor.co.uk

EASY TO
SPECIFY -
FIND OUT
HOW

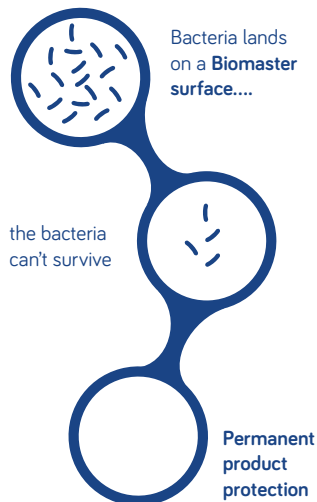
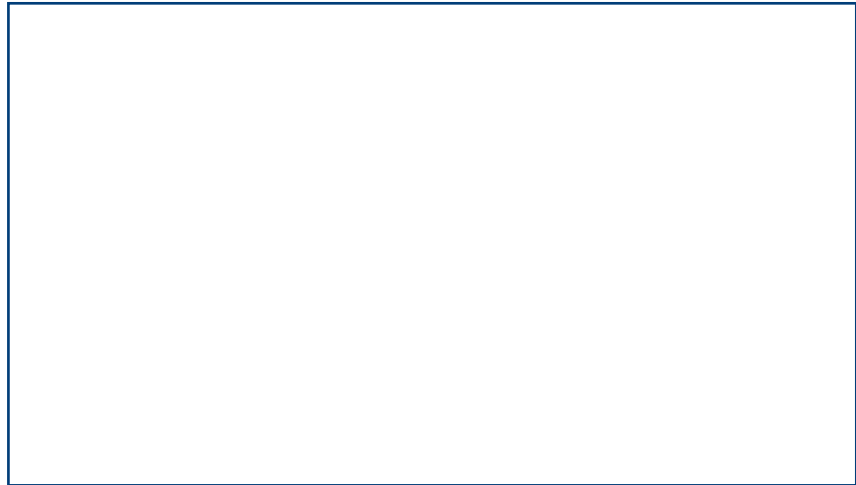
How does Biomaster work?

Biomaster is based on silver-ion technology and has three modes of action.

When bacteria comes into contact with a Biomaster protected surface, the silver ions prevent them from growing, producing energy or replicating, therefore they die.

Biomaster is incredibly durable, long lasting and highly active.

When added, it becomes an integral part of the product.



Silver is inorganic and non-leaching which means that unlike organic antimicrobial technologies, it stays within the item to which it is added.

The controlled release of the active ingredient provides maximum antimicrobial protection for the lifetime of the product.

Biomaster only imparts antimicrobial properties and does not affect the basic colour or surface finish of any

product in which it is used. It can even be used in clear grades of plastic.

Biomaster has been independently tested in thousands of applications.

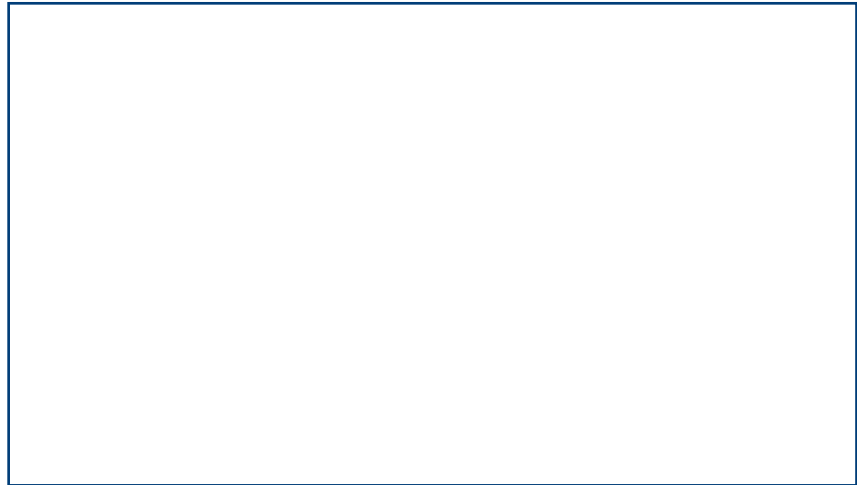
In typical tests, it has been proven to reduce the overall level of most common types of bacteria including MRSA, VRE and ESBL producing bacteria by up to 99.9% achieving ISO 22196:2011.

How do I make my healthcare product Biomaster protected?

Biomaster is easily incorporated into any plastic, textile, paper, paint or coating during the manufacturing process to provide lasting antimicrobial protection for the lifetime of the product.

We can work with your existing supplier to provide an antimicrobial solution in as little as four weeks.

Our range of unique compounds and formulations are blended specifically for each application to provide maximum performance and durability.

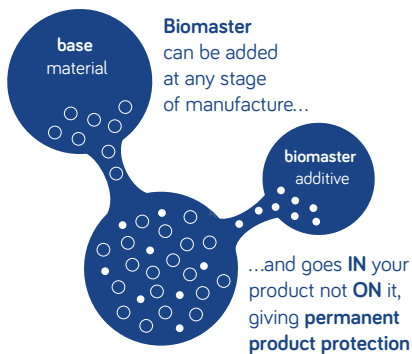


We make it easy for you to launch your antimicrobial product. We can supply free samples for you to trial and arrange testing in an independent laboratory to ISO standards.

We will discuss with you the requirements of your product, taking into account such factors as how and where it will be manufactured and sold before formulating a solution.

Then, when you are ready to take your co-branded Biomaster product to market, we'll give you our marketing, technical and regulatory support service completely free of licence fees.

Tel: +44 (0)1785 225656
info@addmaster.co.uk
www.addmaster.co.uk



Why is Biomaster
the No. 1 choice
of antimicrobial?

ADDED VALUE LOW RISK LOW C
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COST HIGH IMPACT CLEAR COM
PETITIVE ADVANTAGE FREE MARK
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ES FREE TECHNICAL AND REGUL
LATORY SUPPORT MEASURABLE



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Bytec Medical

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Contour Showers

Crisp Clean Services

Colex International

Composite Fibreglass Mouldings

Cromwell Polythene

Dart Valley Systems

Dulux

Dycem

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International Ambulances

Jenflow

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Kingspan

Medi-Shower

Multitone

Muraspec

Nexus Medical

Neokem

Nojerm

Omar Coatings

Opalion Plastic

Panter

Pinpoint

Radwraps

Rentokil Initial

R&M

Resincoat

Sealwise

Securaseal

Sherwin Williams

Static Systems

Tandrup

The Hygiene Doctor

Trovex

TW Electronics

Urban Hygiene

Vectair Systems

Vimar

WC Stick

Warwick Sasco



If you have a healthcare product or application that could benefit from antimicrobial protection, or would like to know more about our partners' products listed in this brochure, please call us today.

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