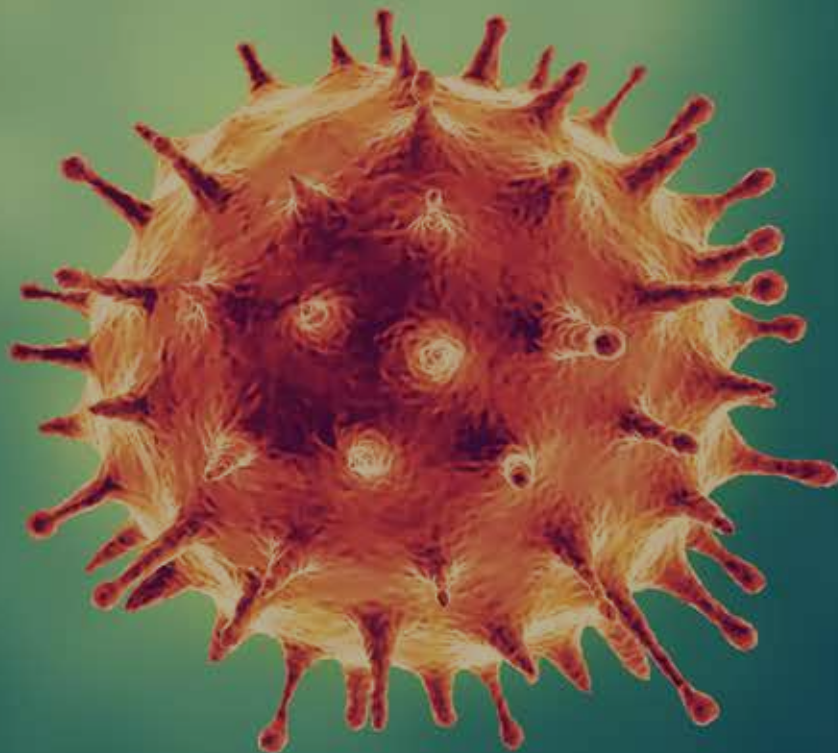


INFECTION CONTROL SOLUTIONS



Foris Solutions Limited

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Also at Harrogate, Warrington, Bury St Edmunds and Kettering

Foris Solutions – Infection Control Solutions

PROTECTING EMPLOYEES AND VISITORS FROM HARMFUL MICRO-ORGANISMS



Infection control has always been a constant challenge in the health sector and clearly, if the risk of contracting an infectious disease by touch can be reduced then it's in everyone's interest to do so in any building type.

Lever handles and pull handles are tactile products used frequently on a daily basis by all users in all building types, making these products possible breeding grounds for harmful organisms

Foris Solutions ICS products will reduce the risk of cross contamination. By providing products with effective antibacterial protection inherent in the base material or by the application of effective anti-bacterial coating, these products help to eliminate the potentially harmful bacteria deposited on the surface of lever and pull handles and other ironmongery and building components.

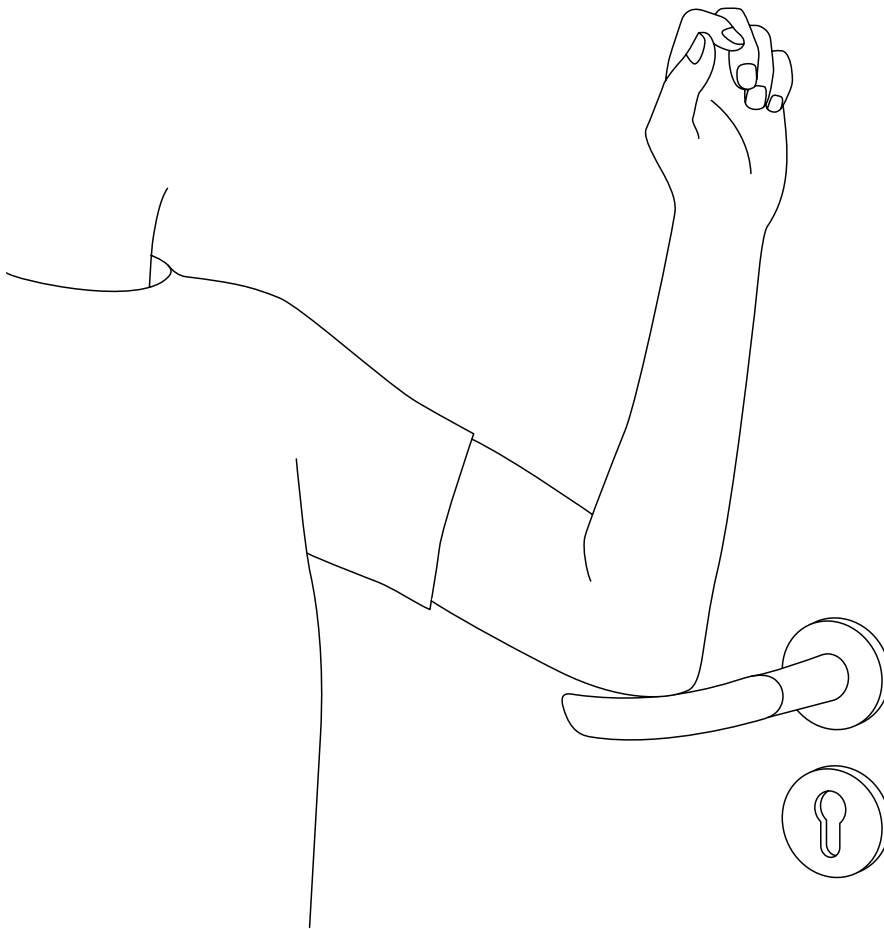
Products that provide such effective protection are ideal for use on New Build and Refurbishment schemes whereby their inclusion in specifications provides a First Line of Defence approach to the cross- contamination issue.

Foris Solutions ICS range also includes Retrofit fit products that are quick and simple modifications to existing levers and pull handles, providing a 2nd fit solution.

Call Foris Solutions on **01909 560500** to discuss your project requirements, Ironmongery, doorsets and washroom Solutions designed to reduce the risk of cross contamination.

Foris Multifunctional lever handles

- Aluminium
- Stainless Steel
- Bronze



Convenient operation and protection against infectious germs

These lever handles can be operated by hand or elbow. Doors can be very conveniently opened and closed – without the user's hand coming into contact with the handle.

For heavily used doors

Our multifunctional lever handles are ideal for heavily used doors, e.g. for use in hospitals and nursing homes.

Retrofit? No sweat!

For anyone wishing to replace their existing fittings, our multifunctional lever handles can be straightforwardly retro-fitted at any time.

Fit for heavy-duty applications

Sets are suitable for standard, emergency-exit and fire doors and rotatably fixed.

High-grade alloy

of chromium, nickel and steel to DIN 17 440, Material No. 1.4301, approx. 18 % chromium and 8 % nickel.

Functional durability

Stainless Steel is extremely corrosion resistant, impervious to bumps and scratches and very easy to look after.

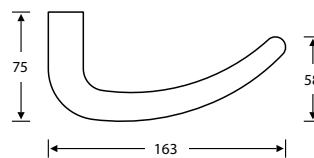
Maintenance made easy

The stainless-steel surface forms an invisible passive layer that delivers very good resistance to cleaning agents and disinfectants.

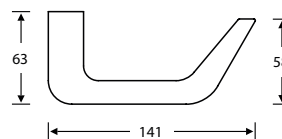
Disinfectant finish

Obtainable with FSB's anti-infection coating, which eliminates 99.99 % of germs to provide the best possible protection against infection.

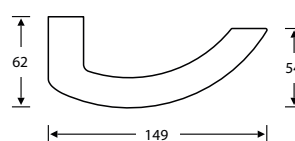
FS1117 ■



FS1118 ■



FS1119 ■ ■ ■



Bronze is an alloy of copper and tin with a wealth of remarkable properties: prominent amongst these is the material's antimicrobial action, which provides active protection against germs. Bronze is particularly hard-wearing and easy to look after, moreover.



Naturally resistant to germs

Lever handles in Bronze



FSB 7615
Bright Patinated Waxed



FSB 7625
Dark Patinated Waxed

High-quality alloy

We make use of a copper-tin alloy containing 92 % copper and 8 % tin for our Bronze fittings that bears the formula CuSn8 and is registered as Material No. 2.1030.

Ideal for heavily used doors

The material's composition gives it high tensile strength and great hardness. Its abrasion resistance recommends it for use in every-day products subjected to heavy wear and tear.

Antimicrobial action

Germs are killed more quickly on bronze surfaces, and are greatly reduced, owing to the high fraction of copper involved. The material releases a virtually constant flow of copper ions that actively deprive multi-resistant germs of the conditions they need to thrive in – and do so for a handle's entire service life.

Proven effectiveness

Clinical studies conducted in the USA and Great Britain reveal that 99.9 % of bacteria on copper-alloy surfaces are destroyed immediately or within two hours of contact. These include Methicillin-resistant Staphylococcus aureus (MRSA), one of the most virulent and dangerous of all bugs. It was also confirmed that, if the hygiene measures prescribed are adopted, recontamination is more than 99 % ruled out.

Natural patina

Regularly handled hardware components in Bronze or Brass are self-polishing in day-to-day use. Any parts with which hands do not come into contact acquire a natural patina as a function of environmental conditions and the surroundings into which they have been fitted. This change in colour relative to the condition of the finish when delivered is natural to the material.

Waxed Bronze finishes

We use wax to – as far as possible – keep the finish in the condition produced at the works. The wax is used to keep the bright copper-coloured patina of Bronze in ex-works condition as well as to preclude any natural patina formation during storage, delivery and assembly.

Care

The wax employed is safe, biodegradable and can be readily removed by wiping – even without the use of cleaners. Adding a few drops of cooking oil is known to be effective.

Aluminium and Stainless Steel FSB products literally have a good handle on cleanliness. FSB's Anti-Infection Coating (AIC) is highly recommended for hospitals, nursing institutions and, indeed, all buildings where hygiene is of the essence.



Antibacterial coating for Stainless Steel and Aluminium

FSB Anti-Infection Coating (AIC)



Tried and tested efficacy

FSB's Anti-Infection Coating eliminates 99.99 % of multi-resistant pathogens. Its life-long antimicrobial efficacy has been certified in accordance with ISO 22 196 JIS Z 2801:2010.

For hygiene-sensitive areas

We recommend AIC as a first line of defence solution to any building type.

Double the cleanliness

AIC is a physiologically safe coating. Its biocompatibility has been tested and confirmed in accordance with DIN ISO EN 10 993-5.

Proven resistance

AIC is scratch-resistant in accordance with DIN EN ISO 1518 and guarantees abrasion resistance over at least 100,000 cycles. The coating is resistant to all standard cleaning agents and disinfectants.

For Stainless Steel and Aluminium

Products in both Stainless Steel and Aluminium – whether anodised or powder-coated in RAL colours – can be coated with AIC.

Bespoke products made to measure

We manufacture handrails and many other items – with or without AIC – to order in accordance with your specific wishes and requirements.



Forearm Shield for lever door handles

FSL100 Suitable for lever handle diameters 18-25mm



Forearm Shield

- The forearm shield can be installed on commercially available lever handles in square or round design with a diameter of 18–25 mm
- Including all screws and sleeve nuts for secure fittings
- 2 pieces are advised per door (Inner and outer of the door handle)

Important notice

Installation must be carried out according to instructions to avoid any superficial damage. The shield is not suitable for escape doors.

Note: Subject to technical changes



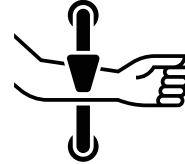
Forearm Shield for door pulls

FSP200 Suitable for door pull handle diameters 19-32mm

FSP700 Suitable for door pull handle diameters 35-38mm



Foris Solutions offers not only the Forearm Shield for door handles but also a shield for push/pull handles to open swing doors with your sleeved inner arm without touching the handle with your hand.



- Suitable for the majority of round bar pull handles with a 19–38 mm diameter. Also suitable for some square (W 28–35 mm, D 8–23 mm) and oval (18–35 mm) cross sections
- Secure mounting with 4 Stainless Steel Torx screws and threaded collars
- Variation of fixings possible, the Forearm Shield for door pulls can be mounted as user defined
- Glass fibre fortified polyamide, extremely robust material, easy to clean and disinfect



Note: Subject to technical changes

Important notice

Installation must be carried out according to instructions to avoid any superficial damage. Use should only be made of cleaning agents and disinfectants that can be safely applied to plastic surfaces. Any mild, non-residue spray and liquid cleaner of the kind commonly used in kitchens and bathrooms will do.

Cleaning agents with polishing additives should not be used, as they may damage the surface of the plastic and deposit residues in the joints. On no account should use be made of abrasive fleece, steel wool or any other mechanically acting medium.

NORMBAU

Protection from harmful micro-organisms



Public areas are touched frequently and by many hands – so hygiene can often be a concern. NORMBAU products contain an effective antibacterial protection which helps eliminate potentially harmful bacteria, in these frequently contacted products.



Normbau antibacterial protection is an integral constituent embedded within the nylon during production which provides effective and long-lasting protection against the growth of harmful micro-organisms and bacteria such as E.coli, S. aureus and MRSA.

It provides an extra level of hygiene in hospitals, care homes and many other types of public access buildings, helping to keep surfaces cleaner and reduce the risk of cross-contamination.

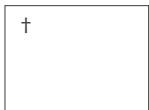
Please note, colours marked † opposite have the Normbau antibacterial protection as standard.

Normbau Nylon Door Furniture

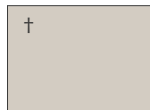


All products are available as standard in 9 distinctive colours. Other colours to match corporate environments can be achieved at additional cost.

For the purpose of colour co-ordination with other building elements we have provided the nearest RAL-DS colour reference.



White 19 - NWH
RAL-DS 000 95 00



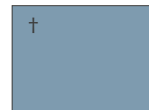
Manhattan 67 - NMG
RAL-DS 080 70 05



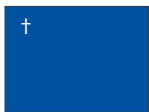
Dk Grey 18 - NDG
RAL-DS 000 35 00



Black 16 - NBL
RAL-DS 000 15 00



Slate Blue 63 - NSB
RAL-DS 240 50 15



Blue 11 - NBU
RAL-DS 270 30 40



Dk Blue 37 - NDB
RAL-DS 270 20 25



Red 12 - NRE
RAL-DS 030 30 45



Yellow 22 - NYE
RAL-DS 080 80 90

† Colours with antibacterial protection as standard

Foris Washroom Solutions



All Foris Cubicles, DPS, IPS, Vanity Units, Lockers and Benches are manufactured using Polyrey Compact Grade Laminate.

All Polyrey interior HPL and compact laminates benefit from a Sanitized® anti bacterial treatment. Integrated within the material the silver ions assure antibacterial protection throughout their lifecycle. Polyrey continually innovates to bring you hygienic decorative solutions thanks to the silver ions antibacterial protection. The Ag+ ion-based Sanitized® treatment is a non-migratory inorganic solution that is not modified with time. The disinfectant attribute of silver is in compliance with health services, catering areas and communities requirements.



Food contact approved by Food and Drug Administration, the silver ions antimicrobial treatment Sanitized® is widely recognized and used in hospitals and catering services. Over 99.9% bacteria are destroyed within 24 hours.



Foris Hands Free Washroom Accessories



High Speed Hands In Hand Dryer



Combination unit with Automatic Paper Towel Dispenser & Waste Bin



Portable Automatic Soap & Sanitized Gel Dispensers



Automatic Soap & Sanitized Gel Dispensers



Automatic Taps & Matching Soap Dispensers



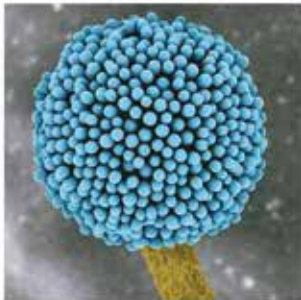
Baby Changing Units



SALUS doorsets are available in a range of finishes :-



- Paint grade with Hygienilac anti-bacterial protection
- Veneered finishes with Hygienilac anti-bacterial lacquer
- Formica laminates
- Anti-bacterial PVC impact resistant facings
- 100% Encapsulated doorsets using anti-bacterial PVC impact resistant protection



Hygienilac is produced in the UK and has been independently tested at BIOCOTE LAWLABS to BS6250 and has a 99.9% kill rate over a 24hour period of various bacteria including MRSA/Listeria – Hygienilac does not contain silver so is UV stable and non-soluble, it prevents bacteria with access to nutrients and so they starve and die.

Anti-bacterial Impact Protection Sheets

Including Hygienilac ©

Contains Hygienilac® Anti-bacterial Additive killing 99.9% of bacteria



Provides an Anti-bacterial Impact resistant surface to walls, doors and cupboards which kills 99.9% of bacteria

Intastop's PVC-u Anti-bacterial Textured Impact Protection Sheet inc Hygienilac® can be ordered as full sheets. Hygienilac® stops the bacteria getting the nutrients they need, with the result that 99.9% starve and die within 24 hours.

Thanks to its low water solubility and imperviousness to UV light which stops it breaking down, it goes on working for up to ten years

Intastop's PVC-u Anti-bacterial Textured Impact Protection Sheet inc Hygienilac® can be pre-cut to size for half height and shaped plates, kick and push plates, or simply cut on site using a Stanley knife. Standard sheet thickness is 2mm, other thicknesses available on request. Sheet edges can be supplied chamfered to order with a pre-taped option available.

Easy to install with contact adhesives, Intastop's PVC-u Anti-bacterial Impact Protection Sheet requires no grouting and can be jointed with mastics, jointing trims or welded with floor welding trims to form a moisture resistant finish.



Anti-bacterial Qualities: Kills 99.9% of Bacteria for the lifespan of the Hygienilac® additive (for up to 10 years)



Class 'O' Fire Rated; tested to BS476 Parts 6 & 7



High impact resistance

Features

- Anti-bacterial textured finish impregnated with Hygienilac® throughout killing 99.9% of bacteria (please see datasheet for more info)
- Assists in meeting guidelines in BS8300:2001.
- Versatile to design and shape.

Benefits

- Ensures staff and patient safety in the event of a fire by maintaining fire integrity of the door allowing safe evacuation.
- Reduces maintenance costs by protecting vulnerable doors and walls from costly damage occurring.
- Maintains a clean safe environment ensuring staff and patient hygiene safety.
- Achieve colour contrast for critical surfaces to assist with visually impaired staff and patients.
- Enhance your surroundings with unique designs or signage.



Core to our business is the specification and supply of door ironmongery, but we continue to evolve and develop complimentary skillsets and product solutions.

We now offer high performance pre-hung internal timber doorsets, external steel security doorsets, electronic security systems and washroom solutions including cubicles, lockers, hand driers and accessories.

At every stage of the build process Foris Solutions can assist architects, contractors and building owners to deliver safe egress and controlled access through any door opening.



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