



# Formbar

The Ultimate Antimicrobial  
Surface Protection



**BIOSHIELD**  
HEALTH



## Fight the spread of DISEASE and INFECTION with Bioshield Antimicrobial Protection Film

Are you worried about the BACTERIA that you or your customers are touching whilst using screen operated checkout tills, coffee machines, computers, gym equipment, food ordering stations, shopping trolleys?

Studies have proven the presence of potentially dangerous Bacteria found on touch points all around us.



## The challenge

Bacteria found in public areas largely originate from people's gut, nose, mouth, throat and faeces. Many of these Bacteria can cause potentially life threatening diseases and infections:

An organisation's Duty of Care requires all necessary precautions to be taken to protect the health and safety, physical and mental wellbeing of all staff, customers and other members of society.



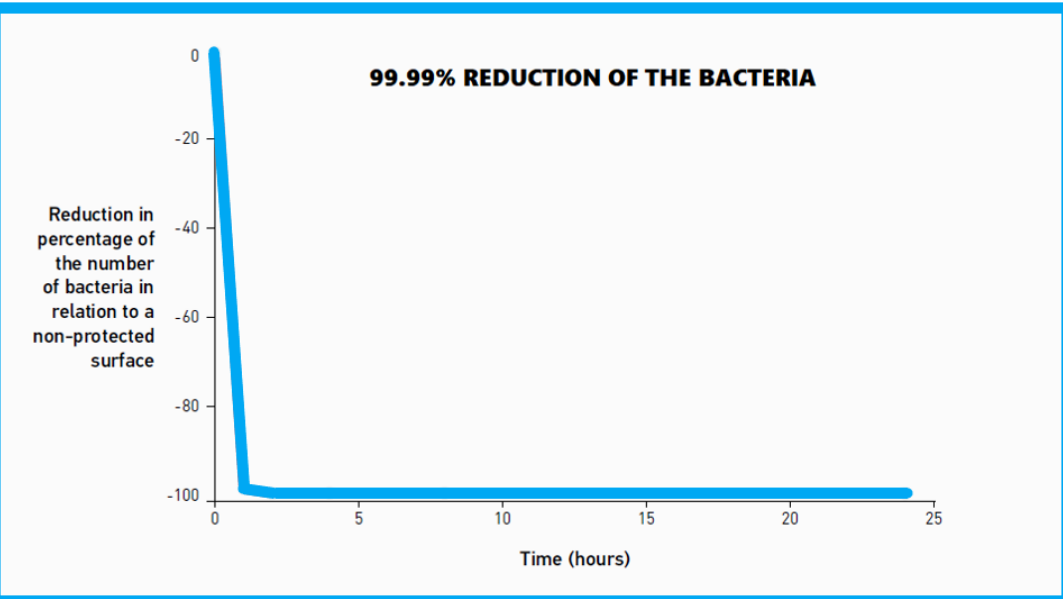
# The solution

Bioshield, an industrial strength, self-adhesive, clear-coated thermoplastic polyurethane film designed to protect commercial monitors, personal devices, and other high touch point surfaces.

Bioshield is specifically formulated to resist the growth of microbes on its surface. Combining the industrial strength of our Zinc Pyritone infused material with its unrivalled impact resistance and HD clarity, Bioshield is the ultimate in surface protection.

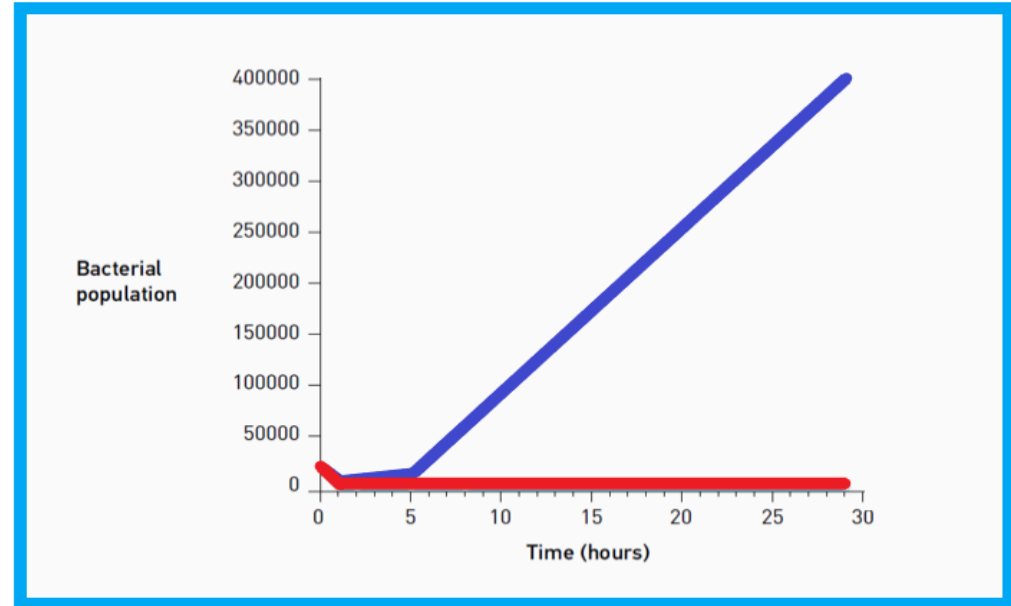
Whether you need protection in a single premises or national chain we can get your protection started immediately.

After an initial consultation with us, our installation team will get to work to measure, manufacture and install your protection.



## HOW A BACTERIAL POPULATION GROWS

- without BIOSHIELD
- with BIOSHIELD



# The solution detail

Bioshield medical grade antimicrobial adhesive protection film inhibits the growth of microbes, odour causing bacteria, mould, mildew and fungi.

Using Zinc Pyrithione Technology, an antimicrobial fungistatic agent, which inhibits the growth of harmful bacteria such as Staphylococcus.

Bioshield is proven to inhibit the growth of the bacteria known to cause a number of diseases and infections including, Respiratory Diseases such as Pneumonia, MRSA, Escherichia Coli (E.Coli), Clostridioides Difficila(C.Diff), Impetigo, Food Poisoning and much more through JISZ2801 (ISO22196) tests (Japanese Industrial Standard test for antibacterial activity and efficacy).

Bioshield does not only inhibit the growth of the Bacteria, it immediately starts to break down the Microbes to burst the Cell walls and destroy them.

Bioshield gives HD clarity to any surface with its specifically formulated clear-coated thermoplastic polyurethane film construction.

Each device, screen or surface is measured and manufactured for the perfect fit to ensure maximum protection.



# Surface application and adhesion

Bioshield can be installed on flat and contoured surfaces, the adhesion varies with the surface adhesivity. A surface adhesivity test will be carried out before manufacturing of the templates.

Existing installations have been on the following materials:

- Metals
- Glass
- Varnished woods
- Painted/Lacquered surfaces
- Display screens/Touch Screens\*
- Hard Plastics

As well as the Antimicrobial benefits, Bioshield also acts as an impact protection film to keep surfaces looking brand new.

Available in a Gloss and Matte Finish.

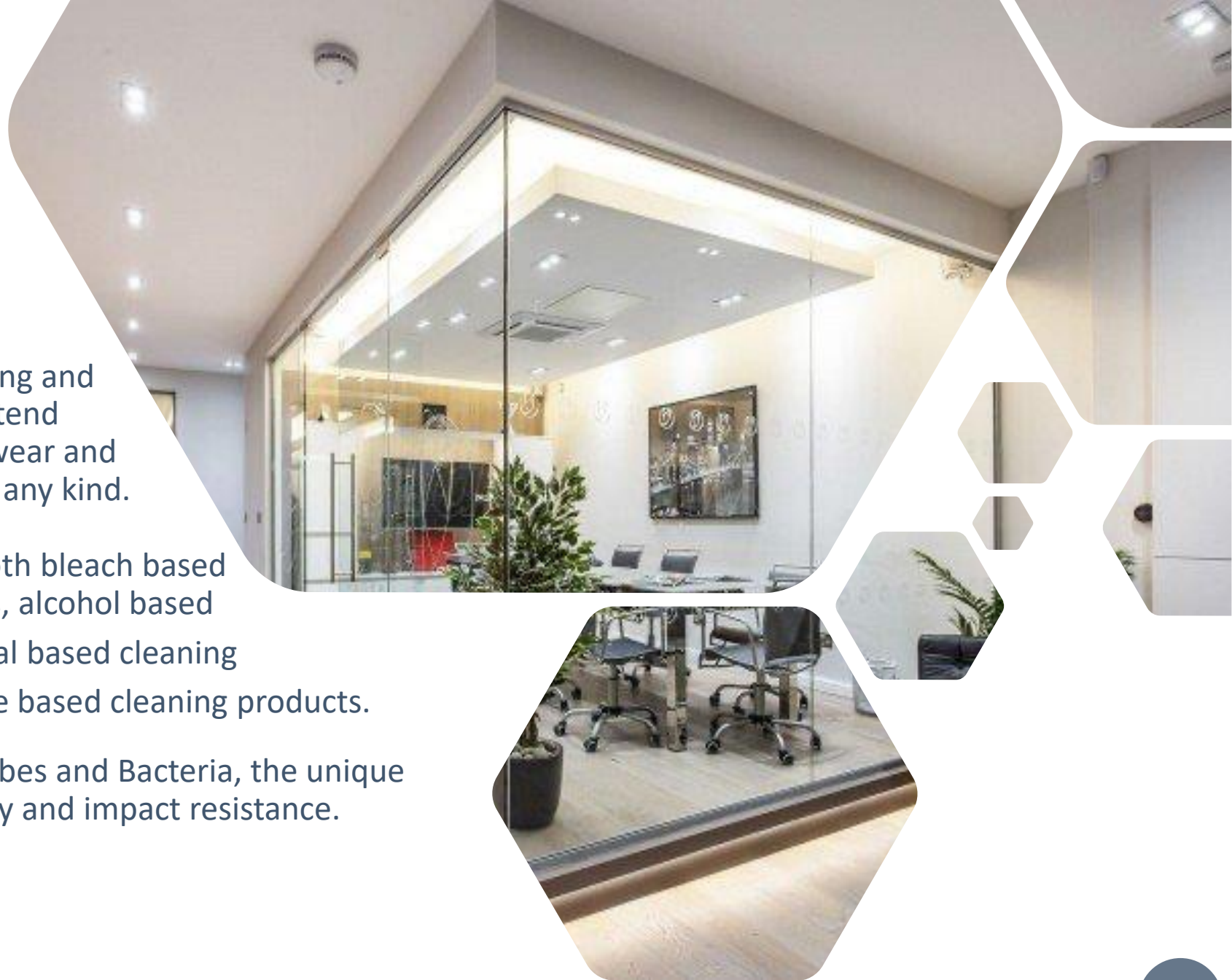
\*Capacitive touch operated screens will not function with Resistive touch and Projected Capacitive touch will function perfectly.



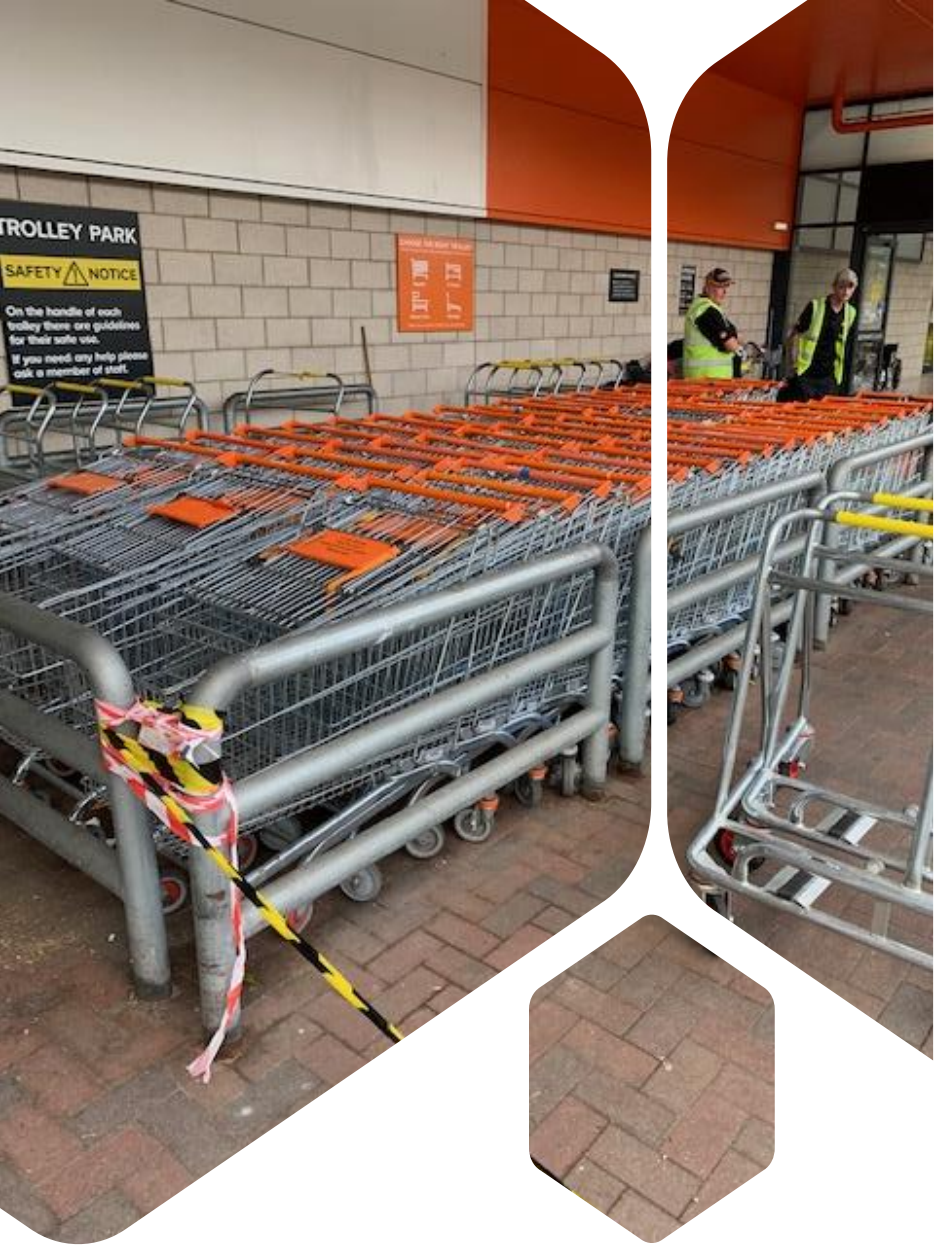


# Useful information on Bioshield

- REACH – SVHC compliant.
- 7 year half life.
- 2 year warranty against yellowing, cracking and delaminating. The warranty does not extend coverage to damage caused by normal wear and tear, accidents or intentional damage of any kind.
- Can be cleaned with a wide variety of both bleach based and non bleach based cleaning products, alcohol based cleaning products, ammonium germicidal based cleaning products. Avoid using hydrogen peroxide based cleaning products.
- As well as inhibiting the growth of Microbes and Bacteria, the unique construction of Bioshield offers HD clarity and impact resistance.
- Prolongs screen life.
- Protects from scratches and scuffs.



# Bioshield Trolley Handle Solution



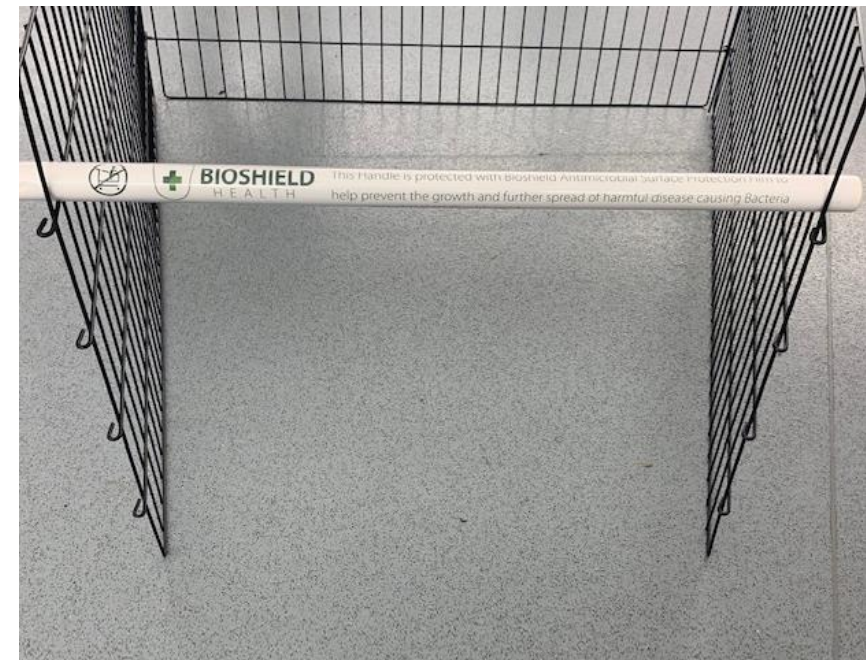
**Bioshield is optically clear giving HD clarity to any surface with its specifically formulated clear coated thermoplastic polyurethane film construction, the appearance of the trolley handle will not be altered with Bioshield Installation.**



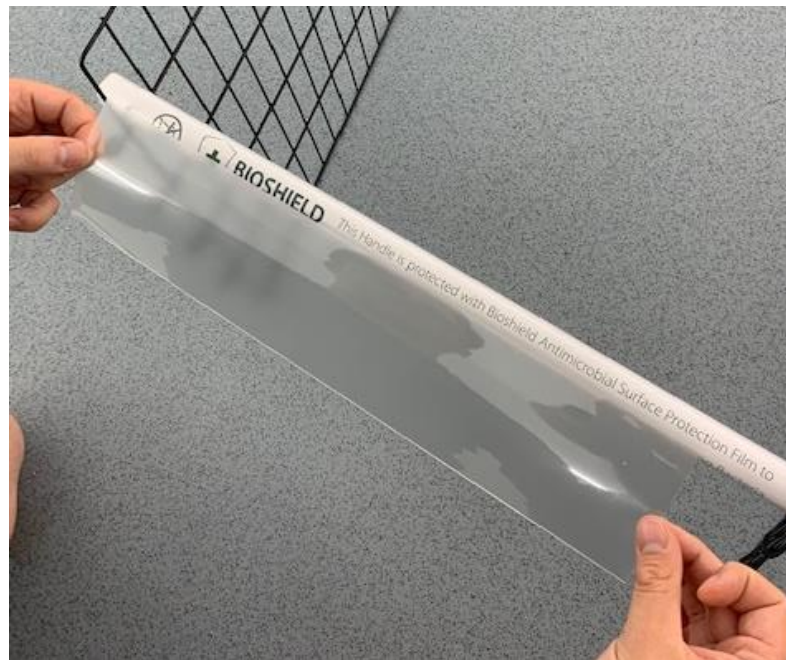
# Bioshield Trolley Handle Installation Guide

Bioshield Trolley Handle Kits are designed to be installed to existing fully assembled trolleys, each trolley type will have a slightly different kit to fit the dimensions, the installation process is the same.

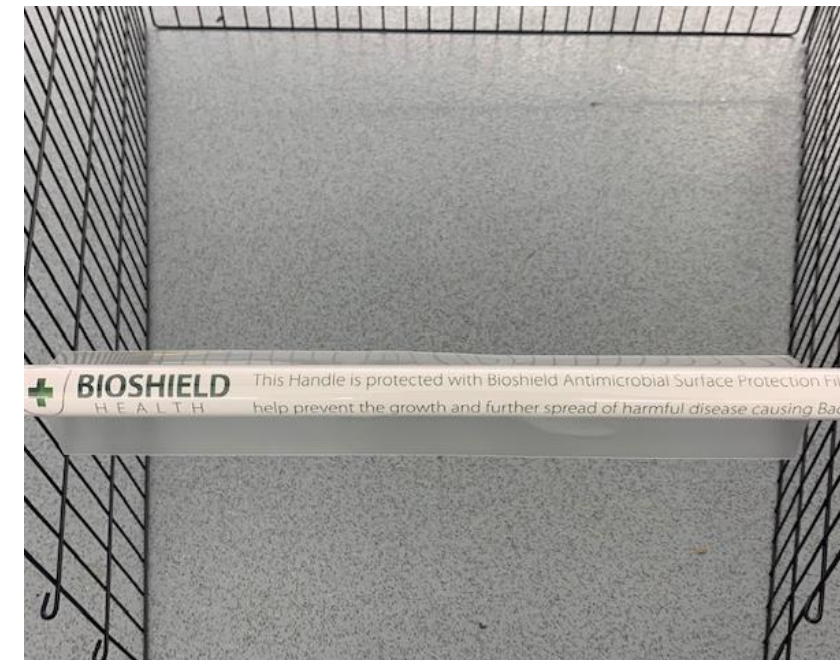
Tools needed – Sanitising cleaner, Microfibre cloth



Step 1 – Sanitise handle, with cleaning solution, alcohol based cleaning products are advised.



Step 2 – Remove backing liner from the Bioshield kit to expose the adhesive.



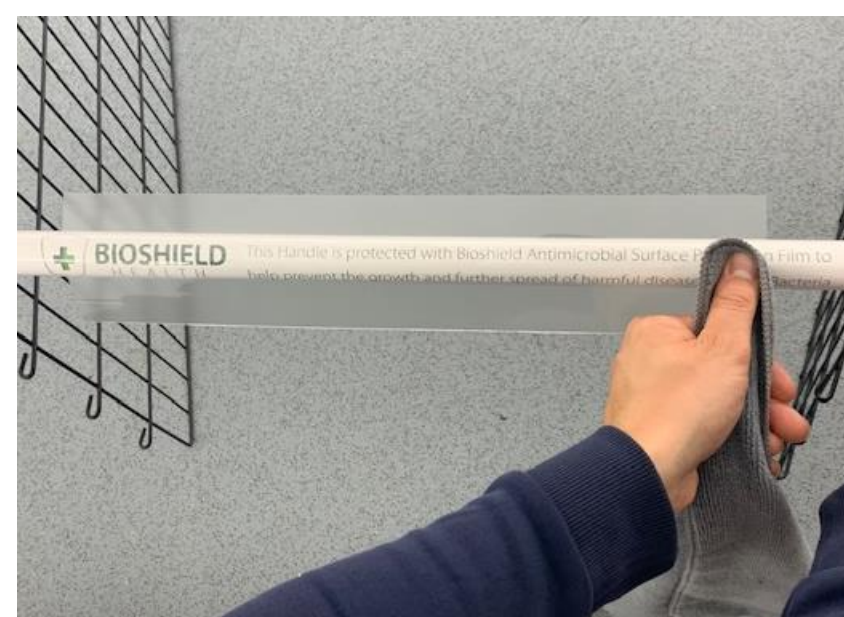
Step 3 – Line up the kit, making sure that it is as straight as possible, then place the kit onto the handle.

\*The Kit model used is inset from the edges of the Handle to leave room for the Trolley Handle mounting brackets.

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Step 4 – Using a microfibre cloth, run your thumb across the top of the handle using firm pressure to prevent air bubbles.



Step 5 – Work your way around the top of the handle, firmly pushing the kit down to push out any air.



Step 6 – Work your way around the bottom of the handle, firmly pushing the kit down to push out any air.



Step 7 – Go over the entire handle with firm pressure to ensure the adhesive is bound to the handle.



Step 8 – Bioshield Trolley Handle Kit installation is complete.

- If you Notice any air bubbles after installation insert a small pin prick and push the air out
- Installation time is less than 2 minutes once up to speed.
- If correctly installed the trolley is ready for use straight away.
- Bioshield Adhesive Bond Test ASTM D903 Standards result: 1067N/m on Acrylic



# Commercials

Includes design, cut and delivery  
based on customer dimensions  
Up to 50 Packs:

## Trolley Pack A:

100 x Bioshield Trolley Handle Kits  
£800+vat

## Trolley Pack B:

250 x Bioshield Trolley Handle Kits  
£1875+vat

Order 50+ Packs:

## Trolley Pack A:

100 x Bioshield Trolley Handle Kits  
£725+vat

## Trolley Pack B:

250 x Bioshield Trolley Handle Kits  
£1725+vat

Maximum lead time is 8-12 weeks on large orders.

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Contact us: [info@formbar.co.uk](mailto:info@formbar.co.uk)

Tel: 01235 850368