



Hygienic Wall Cladding & Protection Systems
Unbeatable resistance to bacteria

Trovex **Activ:ion**

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What is Activ:ion?

Activ:ion is an antibacterial PVC cladding that delivers proven, long-lasting protection with easy maintenance and a beautiful appearance.

Activ:ion is one of the most powerful antimicrobial PVC cladding systems available. It's ideally suited for walls and doors in healthcare environments, where bacteria breed quickly and circulate freely.

Activ:ion has been proven in the most demanding health environments, such as operating theatres and other infection-controlled areas. It comprehensively outperforms other wall finishes including stainless steel, reducing viable microbes by up to 99.9%, including dangerous bacteria like Streptococcus faecalis, Salmonella typhimurium and MRSA.

Activ:ion uses homogenous silver ion technology to provide a naturally antibacterial finish that prevents microbes from reproducing.

Activ:ion is proven to reduce the growth of all tested pathogens, including those resistant to antibiotics. In field tests, it outperforms other wall finishes including stainless steel many times over, even weeks after cleaning.

Activ:ion can be used to clad walls and encapsulate doors, providing you with a hygienic, healthy environment that you can trust.

When hygiene matters, Activ:ion delivers.

uses Biomaster Antimicrobial Technology



- › Biomaster binds to the cell wall:
Preventing growth
- › The Biomaster IONS interrupt enzyme production:
Stopping the cell producing energy
- › Biomaster interrupts the cell's DNA:
Preventing replication



Walls



Doors



Ceilings

Applications

New regulations demand ever-higher standards of hygiene in a range of settings. Activ:ion is the answer. It's ideal for use in laboratories, food preparation areas, healthcare environments, clean rooms, leisure facilities and many other situations.



Laboratories



Showers and washrooms



Healthcare



Leisure centres and gymnasium



Commercial kitchens

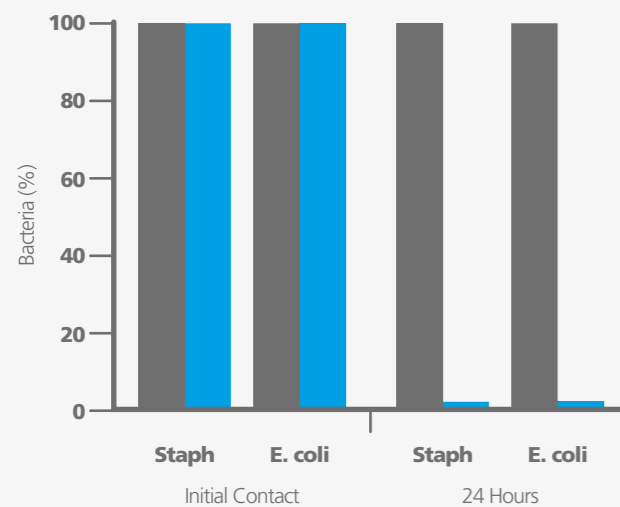


Food factories

Lab tests

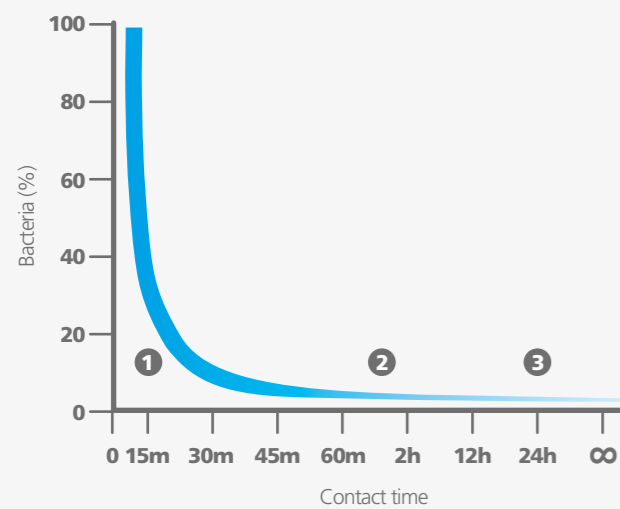
Activ:ion has been independently tested at recognised microbiology laboratories in the UK, using the ISO 22196:2011 standard.

The tests assess the reduction of viable microbes after 24 hours' contact with Activ:ion, focusing on ten of the most dangerous and commonly encountered pathogens.



Efficiency Results

Results showed that Activ:ion reduced the incidence of CFUs ('colony-forming units' or 'viable cells') by at least 87%, with some microbes reduced by as much as 99.9%.



Timeline

Activ:ion's proactive formulation reduces viable bacteria by 80% in just 15 minutes, and over 99.9% after two hours. The continuous activity means that you always have full protection.

- ① Reduced 80% of bacteria after 15 mins
- ② 99.9% effective within 2 hours
- ③ Permanent protection after 24 hours

Activ:ion specification

K13	Rigid sheet fine linings and panelling
145	PROPRIETARY PLASTICS CLADDING - HYGIENIC WALL CLADDING
Manufacturer	Trovex, Axiom House, Travellers Close, Welham Green, AL9 7JL Tel: 01707 254 170, Email: sales@trovex.com
Product ref	Trovex Activ:ion Semi Rigid Hygienic PVC Cladding T13/25/WE (2.5m white) or T13/30/WE (3m white).
Substrate	Fair faced blockwork/partition system.
Preparation	Surfaces to be sound and free from contaminates. Dusty or friable surfaces to be stabilised using appropriate stabilising solution. Substrate must be dry - not more than 14% moisture content.
Battens	n/a
Thickness	2.5mm
Width	1220mm
Length	2500mm/3000mm – scribed on site to suit ceiling height.
Colour	Standard White or selected from the Ambience Collection.
Adhesive	Trovex Bond two-part Urethane Adhesive System / Trovex Bond single component Acrylic Adhesive System.
Primer	As recommended for particular substrates.
Joint treatment	Vertical joints only - Standard two-part colour matched joint profile system, optional colour matched hot welded joint system
Components / Accessories	Transition profile detail to base of sheet at junction with floor vinyl, edge profile on exposed sheet edges, thermoformed corners to internal and external angles.
Included features	Wetroom junction details where specified on drawings - detail as recommended by manufacturer.

The above specifications represent typical installations. For any other details or specifications, call our technical team on 01707 254 170

Activ:ion

colours & finishes

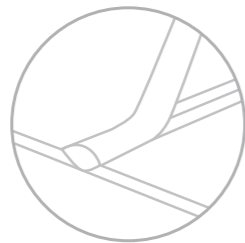
Designed to achieve a perfectly matched finish, this system offers each of the four key elements - sheet material, trim, jointing weld rod and silicone - in the full range of colours.



Sheet



Trims

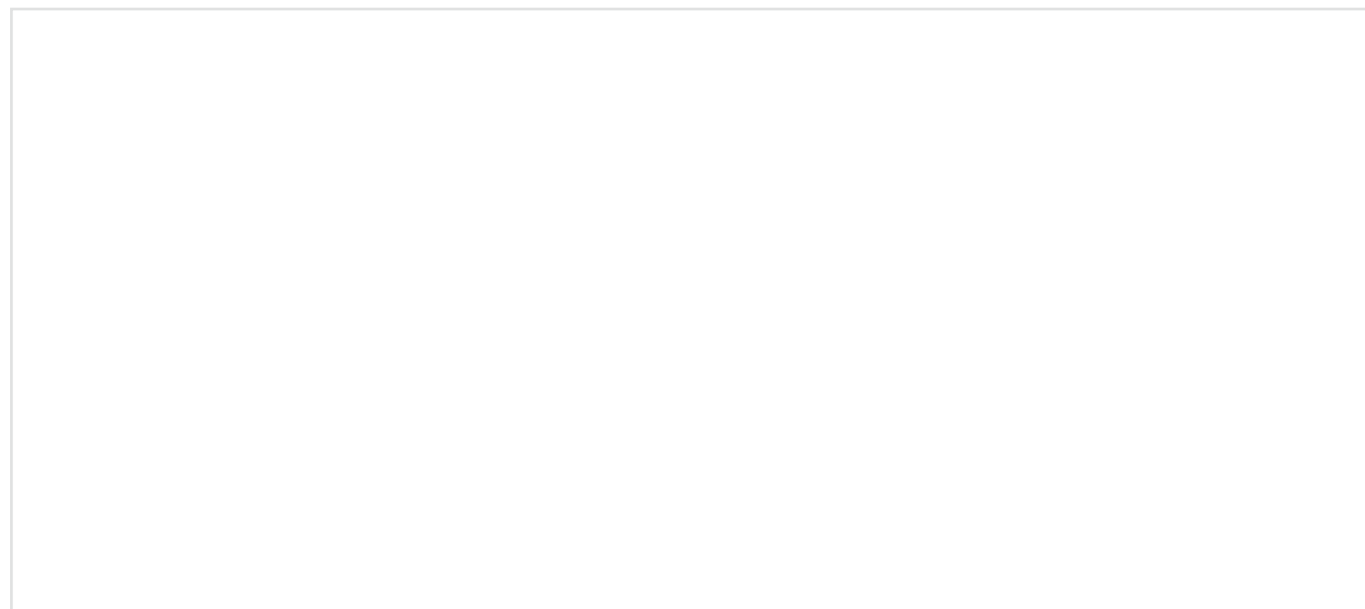


Weld rod



Silicone

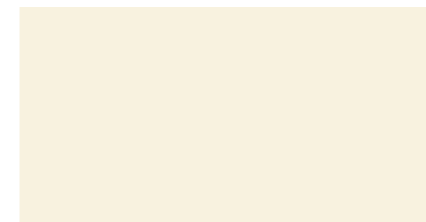
White Satin



Diamond White

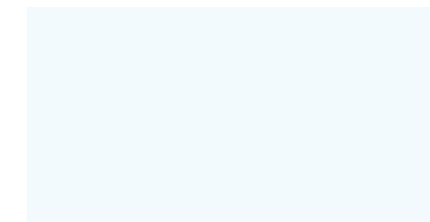
LRV-86

Ambience Satin



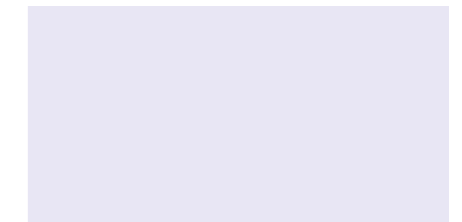
Calico

LRV-71



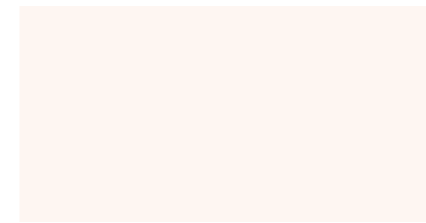
Mystique

LRV-77



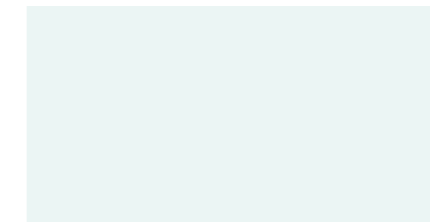
Lilac

LRV-67



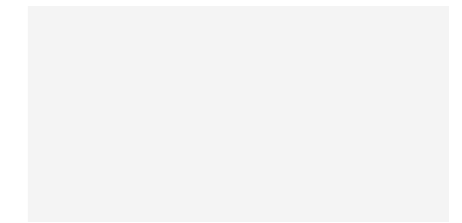
Orchid

LRV-76



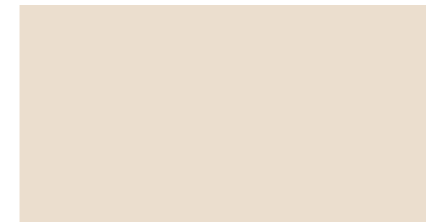
Pistachio

LRV-81



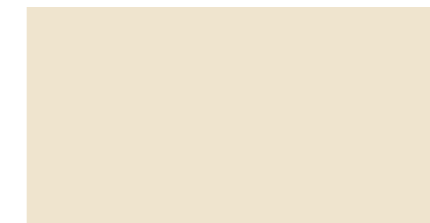
Stone

LRV-68



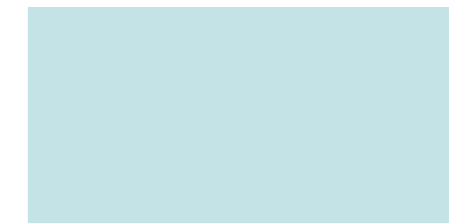
Dove

LRV-59



Almond

LRV-73



Azure

LRV-78



Material samples of any colour are available for rapid despatch to a specified address, making it easy to check and confirm your choices.

Call 01707 254 170