BIOCLAD

THE WORLD’S NO.1 ANTIMICROBIAL PVC WALL CLADDING SYSTEM
Acts in minutes.  
Works continuously.  
Lasts a lifetime.

Silver Ion Technology in action
The BioCote technology is incorporated into BioClad as an additive at the time of manufacture. Once incorporated, the antimicrobial additives provide continuous built-in antimicrobial protection for the expected lifetime of the product.

As the graph below shows, on a product treated with BioCote silver ion technology, the level of microbes which may affect the aesthetics and performance of BioClad is reduced by up to 99.9% in two hours, with an 80% reduction in the first 15 minutes compared to an unprotected surface where they can proliferate at dramatic rates.

The additives used in BioCote® technology are registered with the following bodies:
- Environmental Protection Agency (EPA)
- Food and Drug Administration (FDA)
- Biocidal Products Regulation (BPR)

BIS. BioClad Identification System
The BioClad antimicrobial ranges contain identification and anti-fraud laser detection technology assisting in life cycle management.

BioCote technology is proven effective against all common microbes, including bacteria, mould and fungi.

Tested in accordance with ISO 22196. Proven effective against E.Coli and MRSA.

BioCote Technology under laboratory conditions has been proven effective in inactivating the influenza virus (H1N1).

BioCote is the only antimicrobial technology certified by HACCP International.

BioCote protected products have been proven to perform in real life environments not just in a laboratory.

BioCote in the Lab

![Graph showing reduction of MRSA and E.Coli](image)

BioCote Partners

[Logos of BioCote Partners]
SECTORS WE WORK IN

EDUCATION

PHARMACEUTICAL

HOSPITALITY

HOUSING

SPORTS AND LEISURE

HEALTHCARE
PHOTOCLAD®
Digitally printed design combine images, corporate marketing and individuality within a seamless hygienic system.

BIOPOD®
Prefabricated wash stations with access panels and basins encapsulated with BioClad® antimicrobial PVC.
- Meets NHS Specification • HTM 64

BIOODOOR®
Severe duty door ranges constructed to client specification or supplied as complete solutions.

HYGIENIC CEILING SYSTEM
A sealed interlocking PVC system to complete a hygienic environment.

Contact our technical support team to arrange CPD presentations, detailed design and project specifications.
Email specification@bioclad.com
For product specification downloads visit www.ribaproductselector.com
The world’s first antimicrobial PVC wall cladding with BioCote® Technology

PASTEL RANGE

- Oyster LRV71
- Blue LRV64
- Green LRV75
- Grey LRV57
- Cream LRV71
- Mint LRV60
- Seafoam LRV81
- Fawn LRV39
- Verona LRV68

BioClad® has an antimicrobial additive impregnated throughout the panels at the time of manufacture. This helps inhibit the growth of bacteria and mould and works continuously for the lifetime of the panels.

BioClad® is an additional line of defence to inhibit growth of MRSA, E Coli, Salmonella and mould by up to 99.9%

- Inhibits bacteria growth 24/7
- Carries lifetime guarantee
- Reduces HCAI’s
- Eliminates maintenance costs
- Works in all kinds of areas
- Bespoke colours available
- Zero VOC’s

*LRV – Light Reflective Value
Stylish.
Hygienic.
Design Freedom.
Get Vivid®

VIVID®
COLOUR RANGE

Vivid Purple LRV4
Vivid Pink LRV17
Vivid Red LRV7
Vivid Orange LRV17
Vivid Olive LRV37
Vivid Green LRV47
Vivid Blue LRV29
Vivid Black LRV1
Vivid Lime LRV59
Vivid White LRV88
Vivid Royal LRV15
Vivid Steel LRV10
Vivid Taxi Cab Yellow LRV51
Vivid Aqua LRV40

The Vivid® Colour Range is a bright and dynamic cladding system that has been created to enhance your environment. The bold colours have been chosen to add vibrancy to shops, bars and restaurants for a finish that is stylish, durable, watertight and easy to clean. Vivid® is available in bespoke and brand colours to complement a corporate brand and create atmosphere whether used as a feature wall or fitted throughout. Vivid® allows you to create a designer look, whilst keeping the benefits of hygienic wall cladding over paint and ceramic tiling.

- Bright and dynamic cladding
- Add vibrancy
- Durable
- Watertight
- Easy to clean
- Bespoke and brand colour matching available
- Zero VOC’s

*LRV – Light Reflective Value
HOW DOES IT GO TOGETHER?

PVC DIVISION BAR (‘H-TRIM’) 2-PART
This high impact PVC co-extrusion is wall fixed and sheets inserted to provide a sealed junction.

VINYL FLOOR 2-PART JOINT DETAIL
A very flexible detail that allows either the flooring or cladding to be installed first.

PVC EDGE TRIM (‘J-TRIM’)
This high impact PVC co-extrusion is wall fixed and sheets inserted to provide a neat sealed finish at junctions around doors/ window frames and end stops.

THERMOFORMED CORNERS
BioClad® can be thermoformed on site to provide a seamless uniform corner arrangement for a strong easily cleaned finish.

WELDED JOINT DETAIL
BioClad® can be hot or cold welded to provide a fully sealed seamless finish. NOT suitable for high temperature changes such as saunas/steam rooms. Please contact our technical representatives for site condition evaluation prior to specification.

VINYL FLOOR OVERLAY DETAIL
BioClad® can be installed directly over the vinyl floor, typically with a 50mm overlay.
SPECIFICATIONS, ACCREDITATIONS AND INSTALLATIONS

K13/145 RIGID SHEET

Finish  Satin
Thickness  2.5mm
Size  2500mm x 1220mm
2800mm x 1220mm
3050mm x 1220mm
Max Temperature  60°C
Weight  3.5kg per m²

SUITABLE SUBSTRATES
12.5mm plasterboard, mechanically fixed plywood, sand and cement rendering 1:3 with steel trowel finish, dust free good quality far faced brick or blockwork, ceramic tiles which are securely bonded to substrate and degreased, 9mm (minimum) WBP resin bonded to substrate.

METHOD OF FIXING
Sheets are fully bonded to suitable substrate with trowel applied BioClad 2-part polyurethane adhesive or BioClad® 1-part water based acrylic adhesive.

CUTTING
Fine toothed blade jigsaw or circular saw with fine TCT sawblade whilst sheet is supported.

JOINTS
Sheets can be sealed by hot welding providing a water-tight finish or joined with matching PVC single and 2-part silicon free trim systems.

BETWEEN SHEET AND FLOOR
Sheets can be overlaid or trim fixed to a vinyl flooring system. Tile and resin flooring trims also available.

INTERNAL/EXTERNAL CORNERS
BioClad® can be thermoformed on site to provide a seamless uniform corner arrangement.

CLEANING
Regular hot soapy water is sufficient for regular cleaning and a mild cleaning product, such as Jif/Cif, is suitable for stubborn marks. Mild solvents may also be used but NOT an abrasive cleaner. Steam cleaning is suitable under 60°C and power hosed no closer than 600mm.

CHEMICAL RESISTANCE
BioClad® is resistant to a wide range of chemicals found within the medical, healthcare and food production industries – Full chemical resistance data report available upon request.

FIRE RATINGS
UK – BS 476 Class 1/0
EU – EN13501 B-S3-D0
USA – ASTM E84 Class A
CAN – Can/UCL-S102.2 Tested
AUS – AS/NZS 3837/1998 Tested

BIOCIAL PRODUCT REGULATION
BioClad® contains silver phosphate glass antimicrobial technology to preserve and prevent degradation caused by microbial growth. Biocide certified by ECHA, FDA, EPA and is BDR compliant. Antimicrobial is an additional line of defence beyond antibacterial with the power to kill fungi, microbes and protozoans as well as bacteria. BioClad’s antimicrobial additive is HACCP certified.

WARRANTY/GUARANTEES
Product 20 year warranty. Lifetime warranty on antimicrobial protection.

STORAGE
Sheets to be stored flat and left at ambient room temperature for 24 hours. Minimum temperature 13°C. Maximum Temperature 40°C. Avoid direct sunlight whilst storing.

LIMITATIONS OF USE
Maximum temperature of 60°C. Sheets can NOT be used near naked flame. Full technical information and consultation available from our technical department.

SPECIFICATION DOWNLOADS AT WWW.RIBAPRODUCTSELECTOR.COM