

BIO | CLAD

Uniclass L516:P7113:N343	EPIC E26X724:Y558
CI/SfB (42)	Rn6 (U466)

THE WORLD'S NO.1  
ANTIMICROBIAL  
PVC WALL  
CLADDING  
SYSTEM



# BIO | CLAD

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.

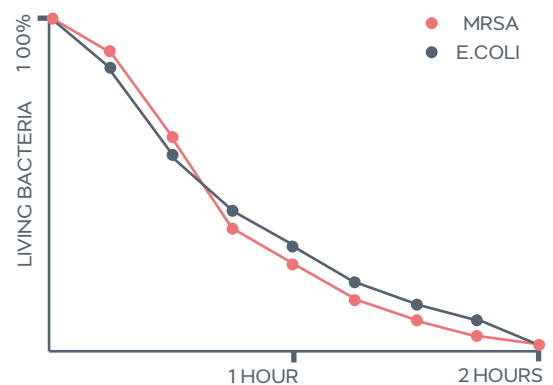
Tested in accordance with ISO 22196. Proven effective against E.Coli and MRSA.

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



## BioCote Partners



dyson airblade



# SECTORS WE WORK IN



EDUCATION



PHARMACEUTICAL



HOSPITALITY



HOUSING



SPORTS AND LEISURE



HEALTHCARE

# BIO | CLAD family



## BIOPOD®

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



## BIDOOR®

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



## PHOTOCCLAD®

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



## HYGIENIC CEILING SYSTEM

A sealed interlocking PVC system to complete a hygienic environment.



Specification writing,  
design and technical  
support

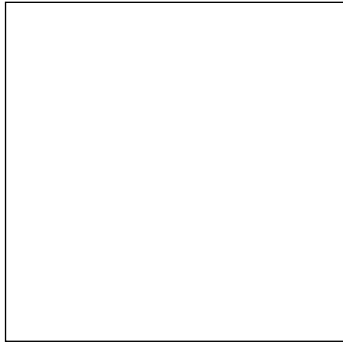
Contact our technical support team to  
arrange CPD presentations, detailed  
design and project specifications.  
Email [specification@bioclad.com](mailto:specification@bioclad.com)

For product specification downloads visit  
[www.ribaproductselector.com](http://www.ribaproductselector.com)



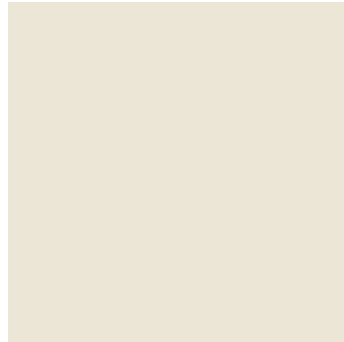
The **world's first**  
antimicrobial PVC  
wall cladding with  
BioCote® Technology

## PASTEL RANGE



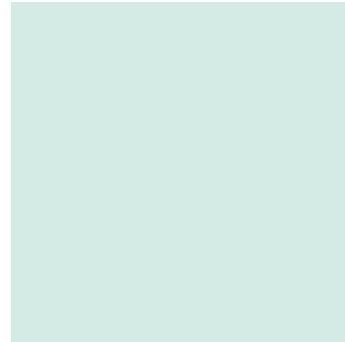
Satin White

LRV88



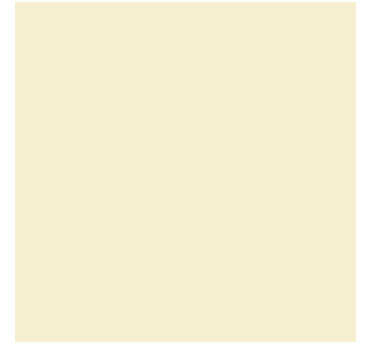
Oyster

LRV71



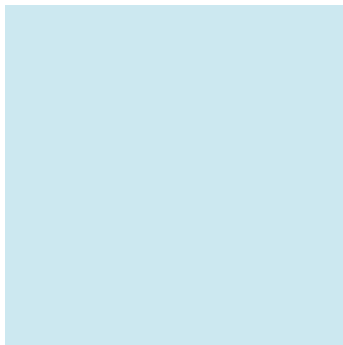
Green

LRV75



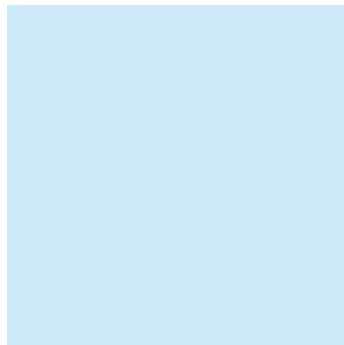
Cream

LRV71



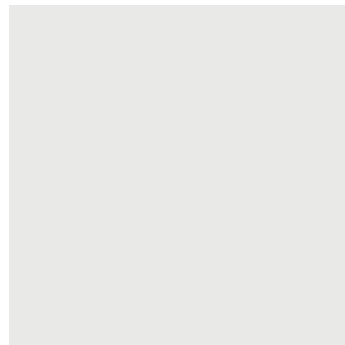
Mint

LRV60



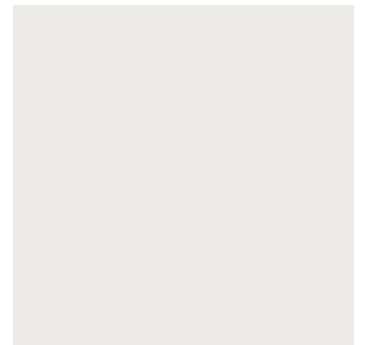
Blue

LRV64



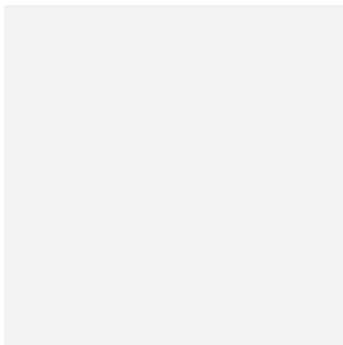
Grey

LRV57



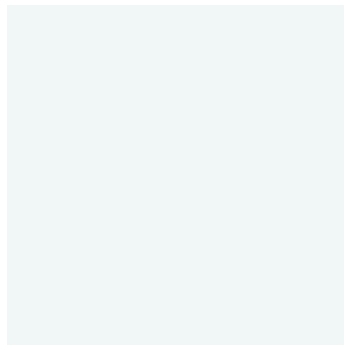
Linen

LRV83



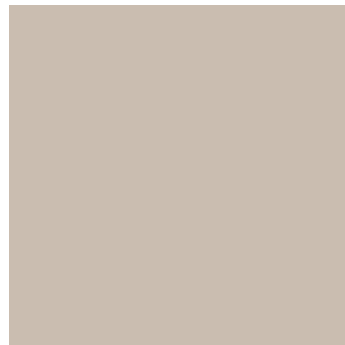
Cesco

LRV72



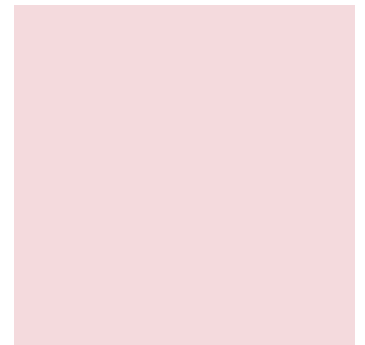
Seafoam

LRV81



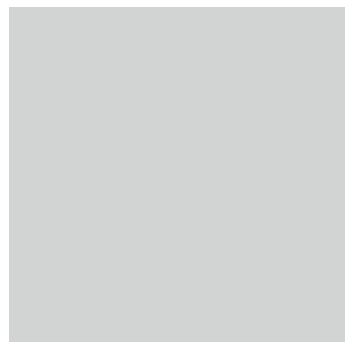
Fawn

LRV39



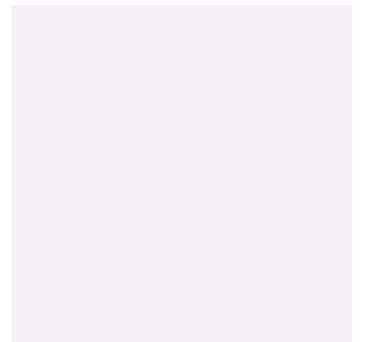
Verona

LRV68



Cloud

LRV53



Malva

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

# THE MODERN ALTERNATIVE TO TILES

Stylish.  
Hygienic.  
Design Freedom.  
Get Vivid®

# VIVID® COLOUR RANGE



Vivid Purple

LRV4



Vivid Pink

LRV17



Vivid Red

LRV7



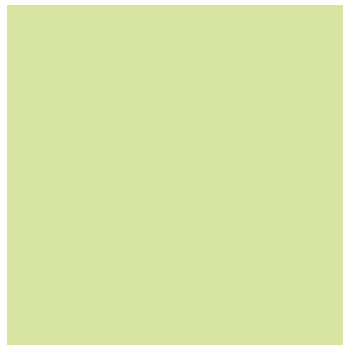
Vivid Orange

LRV17



Vivid Olive

LRV37



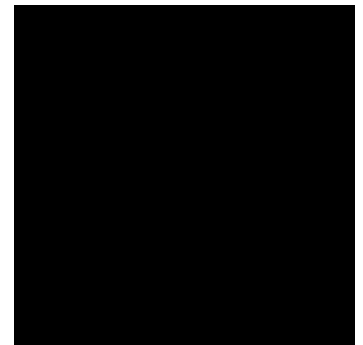
Vivid Green

LRV47



Vivid Blue

LRV29



Vivid Black

LRV1

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.

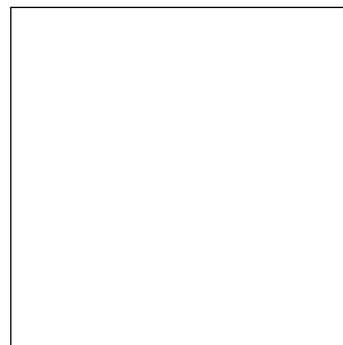
Vivid® is available in bespoke and brand colours to complement a corporate brand and create atmosphere whether used as a feature wall or fitted throughout. Vivid® allows you to create a designer look, whilst keeping the benefits of hygienic wall cladding over paint and ceramic tiling.

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



Vivid Lime

LRV59



Vivid White

LRV88



Vivid Royal

LRV15



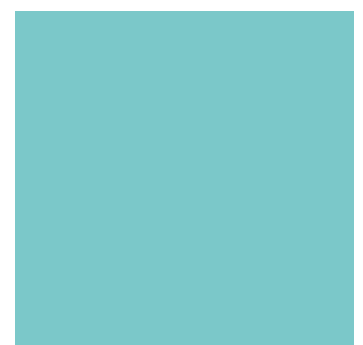
Vivid Steel

LRV10



Vivid Taxi Cab Yellow

LRV51



Vivid Aqua

LRV40

## MATCH TO YOUR BRAND COLOURS

\*LRV – Light Reflective Value

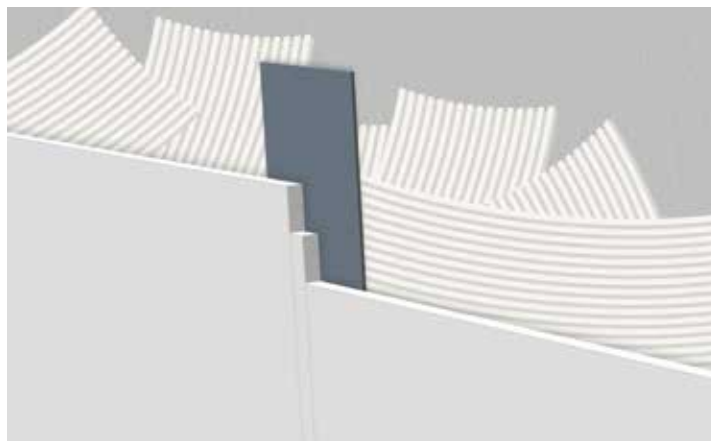


# HOW DOES IT GO TOGETHER?



## PVC DIVISION BAR ('H-TRIM') 2-PART

This high impact PVC co-extrusion is wall fixed and sheets inserted to provide a sealed junction.



## 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.



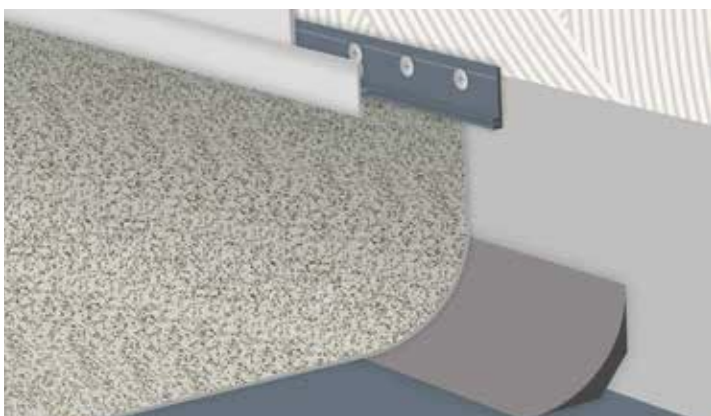
## PVC EDGE TRIM ('J-TRIM')

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.



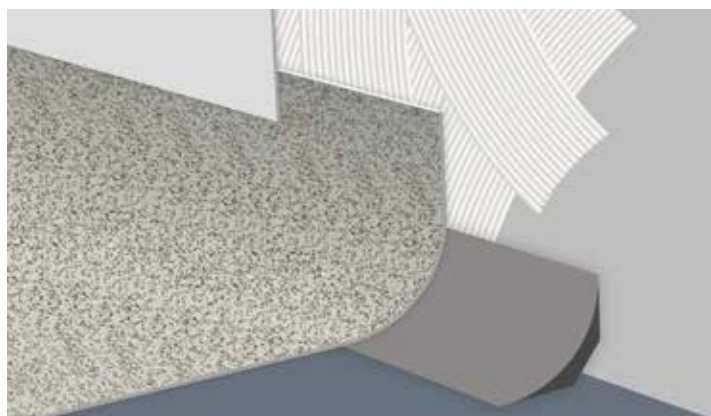
## THERMOFORMED CORNERS

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



## VINYL FLOOR 2-PART JOINT DETAIL

A very flexible detail that allows either the flooring or cladding to be installed first.



## VINYL FLOOR OVERLAY DETAIL

BioClad® can be installed directly over the vinyl floor, typically with a 50mm overlay.

# BIO | CLAD

## SPECIFICATIONS, ACCREDITATIONS AND INSTALLATIONS

### K13/145 RIGID SHEET

BioClad® Antimicrobial Rigid Sheet Panelling BioClad® single skin UPVC sheet available in White and Pastel shades and Vivid Gloss sheets.

Finish	Satin
Thickness	2.5mm
Size	2500mm x 1220mm
	2800mm x 1220mm
	3050mm x 1220mm
Max Temperature	60°C
Weight	3.5kg per m <sup>2</sup>

### SUITABLE SUBSTRATES

12.5mm plasterboard, mechanically fixed plywood, sand and cement rendering 1:3 with steel trowel finish, dust free good quality fair faced brick or blockwork, ceramic tiles which are securely bonded to substrate and degreased, 9mm (minimum) W.B.P 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 – EN13501B-S3-D0  
USA – ASTM E84 Class A  
CAN – Can/UCL-S102.2 Tested  
AUS – AS NZS 3837 1998 Tested

### BIOCIDAL 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](http://WWW.RIBAPRODUCTSELECTOR.COM)**



### UK & Ireland Premier Installers

To ensure quality, service and competitiveness on all projects BioClad have a national network of approved and vetted installers able to cover all parts of the UK & Ireland. BioClad Premier Installers are trained and accredited by BioClad to ensure the highest standard in supply and installation is met.



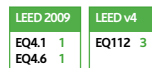
### BioClad® International

BioClad® antimicrobial wall cladding is continuously installed into healthcare, education, sport, leisure, and catering projects around the world through our growing international family and partners.

EU & INTERNATIONAL ACCREDITATIONS



IP66 Protection Classification  
Protected against moisture ingress.  
Protected against dust ingress.



BioClad® products can contribute to LEED v4 and v2009 under 'Material & Resources' and 'Indoor Environmental Quality'



BioClad® panels comply with NHS Estates Technical Memorandum (HTM) 56



RIBA approved CPD seminar available on request.

BIO | CLAD  
[www.bioclad.com](http://www.bioclad.com)

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