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BIO | ARMIS

THE WORLD'S FIRST  
**ANTIMICROBIAL**  
**WALL PROTECTION**  
TO CONTAIN  
BIOCOTE®.



# BIO | ARMIS

THE WORLD'S FIRST  
ANTIMICROBIAL  
WALL AND DOOR  
PROTECTION  
TO CONTAIN  
BIOCOTE®.

## Introduction to BioArmis®

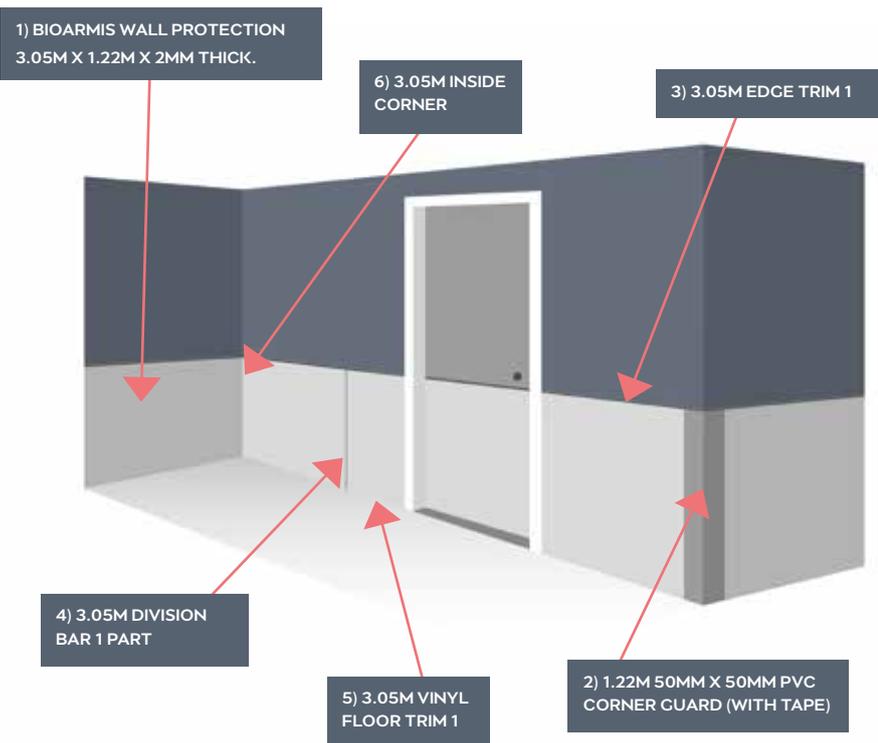
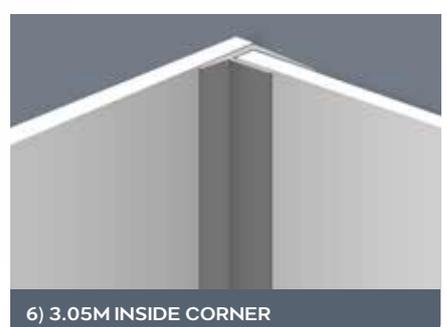
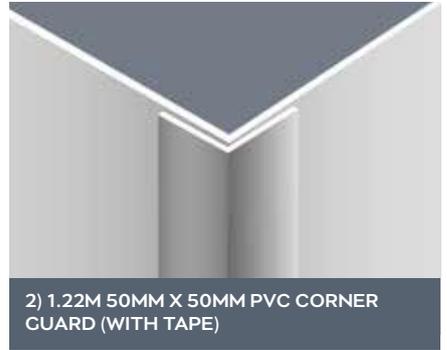
Designed to offer a hygienic finish to more traditional impact-resistant systems, BioArmis® not only offers a solution to the results of impact and abrasion, it is clinically proven to actively reduce bacteria on its surface. Permeated with BioCote silver-ion technology, BioArmis kills bacteria by 99.9% and is proven effective against MRSA, E.Coli and Influenza.

Available in wide range of bespoke colours, BioArmis® is the ideal solution to maintenance, hygiene and design.

## What does it do?

Heavy footfall and wheeled equipment cause severe damage to walls and doors on a regular basis. The textured finish on the surface of the BioArmis® system is designed to hide bumps and scratches, and the increased impact resistance of BioArmis® helps to reduce the chances of dints and holes being created.

The spread of bacteria is a major concern in every environment. Armed with BioCote® technology, BioArmis® will protect your walls and doors against bacterial growth, as well as bumps, dints and scratches.



## THERMOFORMED

BIOARMIS CAN BE HEATED AND BENT AROUND CORNER TO PRODUCE A SEAMLESS FINISH THEREFORE CREATING A JOINT-FREE FULLY HYGIENIC SURFACE.

### SPECIFICATION

BioArmis 3.05m x 1.22m 2mm

BioArmis 3.05m Division Bar

BioArmis 3.05m Edge Trim

BioArmis 3.05m Vinyl Floor Trim

BioArmis 3.05m Inside Corner

BioArmis 1.22m 50mm x 50mm PVC Corner Guard (with tape)

BioArmis 1.22m 75mm x 75mm PVC Corner Guard (with tape)

BioArmis 3.05m 75mm x 75mm PVC Corner Guard (with tape)

BioArmis Colour Match Sealant

BioArmis Colour Match 80m weld

## How can it help?

BioArmis® has attained the required BS:476 Part 6 and Part 7 fire certification; ideal for use in circulation or exit routes.

Available in a range of bespoke colours, BioArmis® is an ideal product to work alongside your company colour schemes.

Most importantly, BioArmis® is a cost-effective solution to wall protection; a helpful tool in a budget-driven industry.



## What makes us different?

BioArmis® is the world's first antimicrobial wall protection for walls and doors. Impregnated into the sheet, BioCote® offers an unrivalled protection against bacterial growth, meaning BioArmis® will help with both infection control and maintenance.

Manufactured at 2mm thick, BioArmis® has the ability to be welded together to offer a hygienic, seamless finish. Alternatively, BioArmis® is available in a range of profiles to suit the project requirements.

Our quick lead time and nationwide distribution network help to keep projects on schedule and clients happy.

# BIO | COTE

## BENEFITS

Acts in minutes.  
Works continuously.  
Lasts a lifetime.

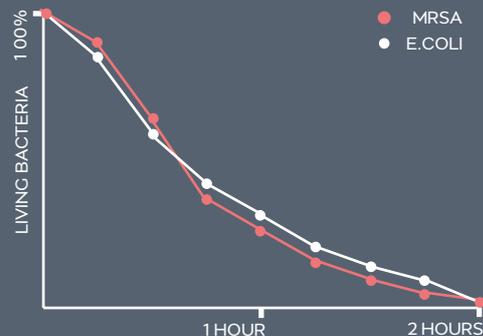
### Silver Ion Technology in action

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.

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® Partners



dyson airblade



# More from the BIO | CLAD family



BioClad® antimicrobial hygienic wall cladding



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



BioPod®  
Prefabricated wash stations with access panels and basins.

## BIO | ARMIS

### K13 RIGID SHEET BIOCLAD® BIOARMIS® ANTIMICROBIAL WALL AND DOOR PROTECTION SHEETS.

#### SPECIFICATION

Finish Satin  
Thickness 2mm  
Size 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 seamless finish or joined with matching PVC single-part silicon free trim systems.

#### BETWEEN SHEET AND FLOOR

Sheets can be overlaid or trim fixed to a vinyl flooring system.

#### INTERNAL/EXTERNAL CORNERS

BioClad® BioArmis® can be thermoformed on site to provide a seamless uniform corner arrangement or joined with matching BioClad® BioArmis® External corner profiles.

#### CLEANING

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

UK & EU  
Accreditations



RBA approved CPD seminar available on request.



#### 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 Part 6 and Part 7 Class 1/0.

#### 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.

#### COLOURS

Select as required – Light Grey; Dark Grey; Green; Light Blue; Dark Blue; Cream; White.



Specification downloads at [www.ribaproductselector.com](http://www.ribaproductselector.com)

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