



Antimicrobial products for full room protection

Eliminate the Risk



BioDoor®



Antimicrobial Ceiling System



BioArmis®



BioFloor®

Introduction

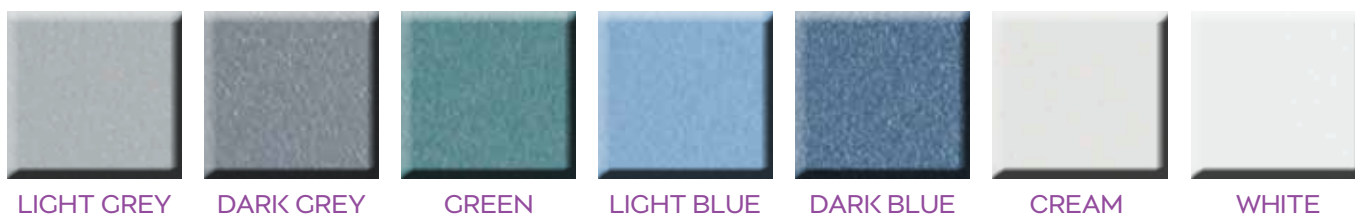
Designed to offer an **antimicrobial** finish to more traditional impact resistant systems, BioArmis® not only offers a solution to the results of impact and abrasion, it is clinically proven to actively reduce bacteria on its surface. BioArmis® and BioFloor® colours are designed to mix and match, providing a full suite of options.

Available in a 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.

Colours



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® has the ability to value engineer your projects; 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 an **antimicrobial**, 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 | DOOR

BioClad protection for doors

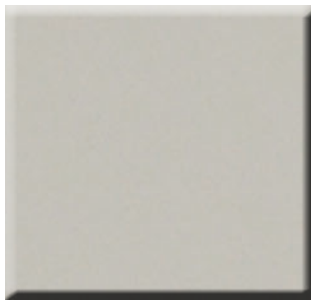
BioClad® PVC can already be found installed on walls around the world giving **antimicrobial** protection to patients, customers and employees and has been proven to reduce bacteria by over 99.9% in real world healthcare environments. To compliment the BioClad® wall cladding range and to help reduce bacteria further within hygienic areas, BioClad® have now introduced the BioDoor®, **antimicrobial** hygienic door sets with BioClad's silver ion technology. BioDoor® offers a complete refurbishment of existing doors, including customised **antimicrobial** sheet installation, minimising impact damage.

Proven Antimicrobial

Much has been written about bacteria on doors in hospitals with Drake University going as far as calling doors 'a reservoir of microbial contamination' in a recent study. Colonies of Staphylococcus, E.coli, MRSA and Salmonella are routinely found on door surfaces when tested. BioDoor® hygienic doors utilise BioClad®'s proven **antimicrobial** protection where it is needed most. BioClad® is thermoformed around both standard and bespoke door designs – including fire rated doorsets, to give a watertight and hygienic finish.



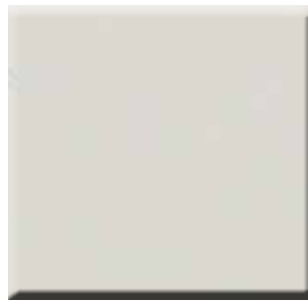
Pastel colour range



OYSTER LRV71



GREEN LRV75



CREAM LRV71



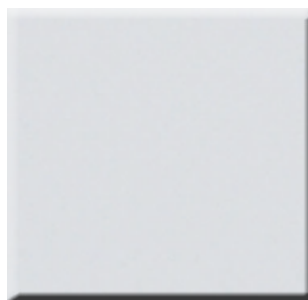
MINT LRV60



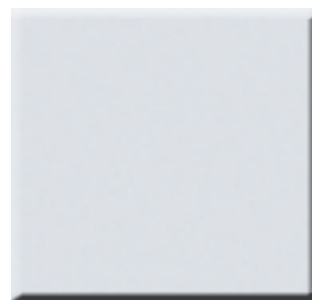
BLUE LRV64



GREY LRV57



LINEN LRV83



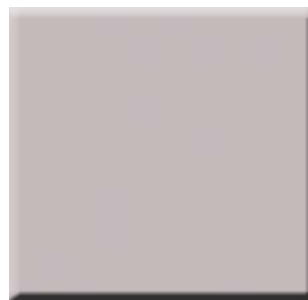
CESCO LRV72



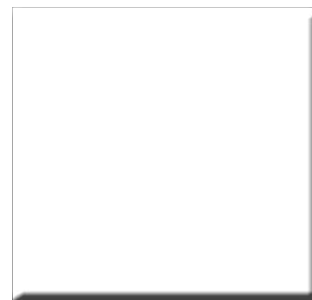
SEAFOAM LRV81



FAWN LRV39



VERONA LRV68



SATIN WHITE LRV88

BIO|POD

What does it do?

BioPod® is designed to offer a joint free, fully accessible, ultra-hygienic unit, that is easy to install, but even easier to maintain. BioPod® is available with fittings that meet the anti-ligature requirements for mental health and correction facilities. BioPod® is delivered pre-plumbed, reducing the installation period. The simple install procedure reduces the amount of trades required, saving time and money.

How can it help?

Wrapped in BioClad® antimicrobial PVC, BioPod® offers unrivalled protection against bacterial growth. BioPod®'s plinth detail allows a neat, antimicrobial sealed joint to the vinyl floor. BioPod® comes in standard size specifications or as a bespoke product.



VIVID colour range



VIVID PURPLE LRV4



VIVID PINK LRV17



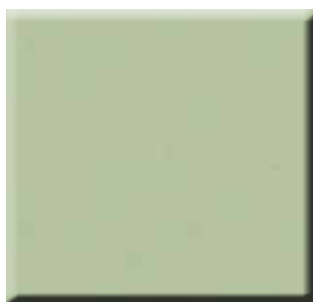
VIVID RED LRV7



VIVID ORANGE LRV17



VIVID OLIVE LRV37



VIVID GREEN LRV47



VIVID BLUE LRV29



VIVID BLACK LRV1



VIVID STEEL LRV10



VIVID LIME LRV59



VIVID WHITE LRV88



VIVID ROYAL LRV15

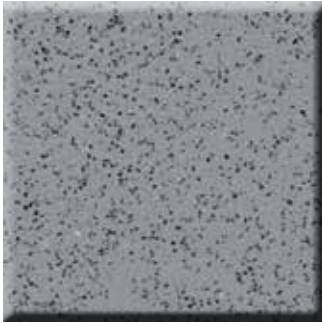
BIO|CEILING

Antimicrobial Ceiling System

The BioCeiling® system consists of sealed interlocking PVC panels, finishing with fully formed cornices including internal and external corners, completing your antimicrobial environment. An additional line of defence in inhibiting the growth of MRSA, E.Coli, Salmonella and mould by up to 99.9%.



R10 Plain



MICA



MATITE



APATI



SAPPHIRE



SCHORI



TURINE

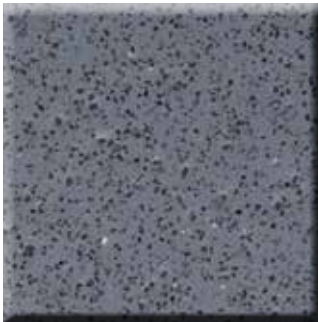


NOVA

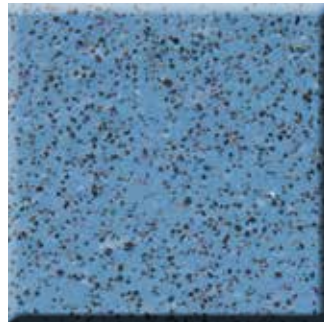


LODESTONE

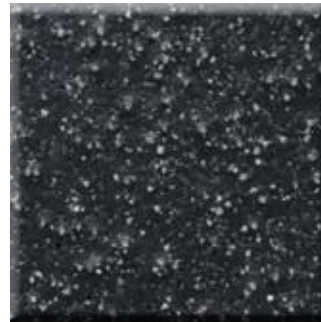
R12 Colours



R12 HEMA



R12 AZURITE



R12 KORA



R12 STONE

What is BioFloor?

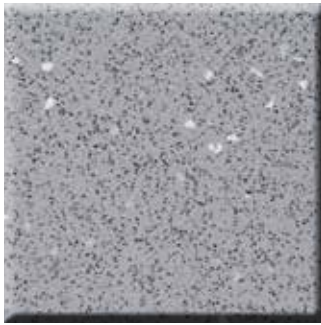
BioFloor® Safety Flooring has been specifically manufactured for and on behalf of BioClad Australia Pty Ltd, formulated specifically with an **ANTIMICROBIAL lifetime guarantee**. The R10 range is designed to mix & match with its plain and chipped colour range and has a unique 'orange peel' appearance offering an alternative to standard smooth vinyl with the advantage of **'all the way through'** maximum wear layer slip resistance for added security.

BioFloor® R11 & R12 ranges offer **'all the way through'** aggregates (silicon carbide, aluminium oxide & quartz) specially designed for use in extreme safety critical areas such as commercial kitchens, for maximum wear layer slip resistance safety.

BioFloor® addresses the need for a true safety flooring that gives a high standard of slip resistance, while also being easily cleaned due to the unique **Ultimate Surface Clean technology**.



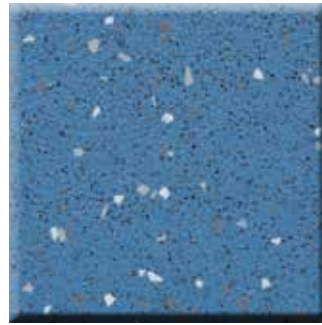
R10 Chip



DRUSY



IDO



ANDRITE



SODA



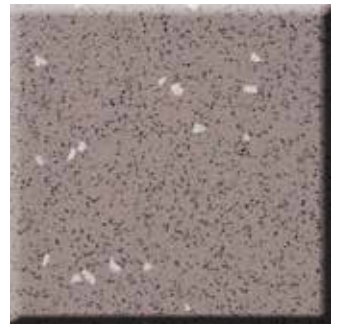
NUUMI



FRUCHA



FLINT



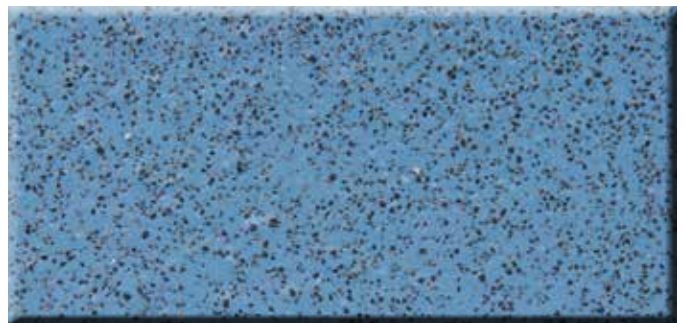
FELDSPAR

R11 Textured Plain



R11 STONE

R12 Textured Plain



R12 AZURITE

Corporate design

All R10 colours can be made up in R11 and R12 graded sheets, by request – carry the same colouring through variations in walk through slip resistance and gradients.

BioFloor® is able to be fully customised around corporate colours within minimum quantity requirements.

All the way through

BioClad® products have aggregates (silicone carbide, aluminium oxide & quartz) all the way through for maximum wear layer slip resistance.

all the way  through

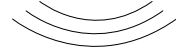

Ultimate Surface Clean



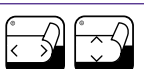


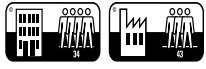










BioFloor® uses the latest technology to create an easy clean surface, making maintenance simple.

ULTIMATE
Surface Clean 

Antimicrobial

BioCote® technology gives BioFloor® it's unique antimicrobial properties.


ANTIMICROBIAL


Biofloor Safety Flooring R10				Biofloor R11 and R12	
ANTIMICROBIAL		ISO –22196: 2011	Log10 ≥ 4.83 – 99.9%	ISO –22196: 2011	Log10 ≥ 4.83 – 99.9%
Flooring type		EN13845 EN13553	Safety Flooring	EN13845 EN13553	Safety Flooring
Roll dimensions		EN426	2.0m x 20m = 40 m ²	EN426	2.0m x 20m = 40 m ²
Overall thickness		EN428	2.0mm	EN428	2.0mm
Weight		EN430	2.45kg/m ²	EN430	2.45kg/m ²
Classification		EN649 EN685	Commercial 34 Industrial 43	EN649 EN685	Commercial 34 Industrial 43
Sound insulation		ISO140-8	5 dB	ISO140-8	5 dB
Indentation		EN422	≤ 0.10mm	EN422	≤ 0.10mm
Wear resistance		EN-660-2	GROUP T	EN-660-2	GROUP T
SLIP RESISTANCE		Appendix A (Wet Pendulum) Appendix D (Oil-Wet)	P3 R10	Appendix A (Wet Pendulum) Appendix D (Oil-Wet)	P4/P5 R11/R12
Wear layer		EN429	2.0mm	EN429	2.0mm
Flexibility		EN435	PASS 20mm mantrel	EN435	PASS 20mm mantrel
Dimensional stability		EN434	<0.4%	EN434	<0.4%
Chemical resistance		EN 423	Good SRM20 – has good resistance to dilute acids, organic solvents and alkalis	EN 423	Good SRM20 – has good resistance to dilute acids, organic solvents and alkalis
Colour fastness		EN 20105-B02	Method 3 >6	EN 20105-B02	Method 3 >6
FIRE performance		EN 13501-1 ISO 9239-1 ISO 11925-2 EC95/28 FMVSS302, CMVSS302 BS 6853:1999 BS 476 pt 7 Din 5510-1	Class Bfl-s1 Critical Radiant Flux ≥8kW/m ² Smoke Obscuration <750% minutes PASS PASS PASS Cat 1b Class1 SF2	EN 13501-1 ISO 9239-1 ISO 11925-2 EC95/28 FMVSS302, CMVSS302 BS 6853:1999 BS 476 pt 7 Din 5510-2	Class Bfl-s1 Critical Radiant Flux ≥8kW/m ² Smoke Obscuration <750% minutes PASS PASS PASS Cat 1b Class1 SF3

selector.com

Your essential resource for building product information online

Product summary page for BioClad Antimicrobial Hygienic Wall Cladding generated 28.02.2014 by ribaproductselector.com

Detailed description

BioClad® PVC **Antimicrobial** Panel containing Biocote® silver ion **antimicrobial** additive throughout the product thickness with a lifetime guarantee and a single source manufacturer/ installer warranty.

Single skin PVC panel with a BioCote® **antimicrobial** additive to inhibit the growth of bacteria and mould.

Typical applications:

Healthcare, food manufacturing areas, commercial kitchens, pharmaceutical areas, laboratories, showers, WCs and wet hygienic areas.

Suitable substrates:

- » Good quality fair faced brick or blockwork.
- » Sand and cement rendering 1:3 with a steel trowel finish.
- » 12.5 mm thick plasterboard.
- » Ceramic tiles which are securely bonded to substrate.
- » 9 mm (minimum) W.P.B resin bonded to substrate.
- » Pink lightweight plasters are generally not suitable.
- » Some surfaces may need PVA sealer subject to site survey.
- » All substrate needs to be inspected by an Accredited Installation Partner to ensure the best preparation for support of warranty conditions.

Product guidance – As Standard

Colour: White

Thickness: 2.5 mm

Surface finish: Satin

Fire rating to BS 476-7: Class 1/ (0 when bonded to a non-combustible substrate)

Joints: Advanced Two Part 'H' Section/ Advanced Hot Welded Joint

Method of fixing:

Advanced Two Part Panel Adhesive/ Advanced Single Part 'H' Section / Advanced Hot Welded Joint.

Components:

Site thermoformed angle sections internal/ external corners, PVC-U cill details, joints and edge trims. As specified BS 'food safe' complying with EEC regulations for hygiene in production areas. Directive 64/483 and the requirement as outlined in statutory instruments 454 and 805 (food hygiene).

Product specification

Manufacturer:

Name: BioClad

Web: www.bioclad.com

Email: sales@bioclad.com

Tel: +44 (0)330 100 0313

Fax: +44 (0)330 100 1314

Address: Unit A1, Greengate, Cardale Park, Harrogate, North Yorkshire HG3 1GY

Product reference BioClad **Antimicrobial** Hygienic Wall Cladding

Size (w x h)
 1220 x 2500 mm
 1220 x 2800 mm
 1220 x 3050 mm
 Contractor's choice

Further specification
and supply information
available from
BioClad Australia:

info@bioclad.com.au

1800BIOCLAD

BioClad in Action

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)

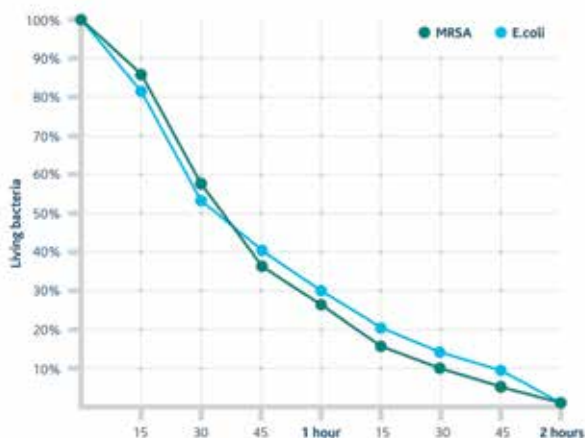
Food and Drug Administration (FDA)

Biocidal Products Regulation (BPR)

BIS. BioClad® and BioFloor® identification System

The BioClad® and BioFloor® antimicrobial ranges contain identification and anti-fraud laser detection technology assisting in life cycle management.

BioCote® in the Lab



BioCote® Partners



dyson airblade



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.

PhotoClad

Digitally printed designs combine individually specified images and/or corporate marketing within a seamless hygienic system.



Architectural specifications and technical support

BioClad Australia is happy to offer generic specifications for any projects ready for tender processing.

Email:
info@bioclad.com.au

For product information visit:
selector.com or
bioclad.com.au



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& sons**

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If you wish to become a BioClad accredited installer please contact the Distributor in your area.