

technical specification

Uniclass L516:P7113:N343	EPIC E26:X724:Y558
CI/SfB	
(42)	Rn6 (U466)

BioClad Single Skin PVC Panel - K13/160 Rigid Sheet Panelling

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

Typical applications:

Food manufacturing areas, commercial kitchens, pharmaceutical areas, laboratories, showers, W.C.'s 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 a substrate.
- 9mm (minimum) W.P.B resin bonded to substrate.

BioClad Single Skin PVC Panel:

- Manufacturer: BioClad Ltd.
- Web: www.bioclad.com
- Tel: +44 (0) 330 100 0313
- Product reference: BioClad Single Skin PVC Panel
- Size (w x h):
1220 x 2500 mm
1220 x 2800 mm
1220 x 3050 mm
- Thickness: 2.5 mm Manufacturer Standard



Fire rating to BS 476-7:1971:

Class 1/0 (when bonded to a non combustible substrate)

Colours:

Satin White, Blue, Green, Cream, Mint, Grey, Linen, Cesco, Seafoam, Fawn, Oyster.

Method of fixing:

Mechanically fixed using PVC Silicone free gasket system and Advanced all over adhesive.



Components:

Preformed and on site thermoformed angle sections internal/external corners, UPVC cill details, joints and edge trims. All products comply with EEC regulations for hygiene in production areas. Directive No 64/483 and the requirement as outlined in statutory instrument 454 and 805 (food hygiene).

Biocidal Product Regulation:

BioClad contains silver phosphate glass antimicrobial technology to preserve the surface and prevent degradation caused by microbial growth. Biocide certified by ECHA, FDA and the EPA. 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 comes with a lifetime guarantee. BioClad's antimicrobial additive is HACCP registered.

Panels comply with NHS Estates Technical Memorandum (HTM) 56.

BioClad reserve the right to change any product specification, design or description without prior notice. No responsibility or liability can be accepted for any loss or damage arising from any error or omission contained in this brochure.



The World's No.1 Antimicrobial PVC Wall Cladding System



Proven to reduce MRSA, E.coli & Salmonella by 99.9%

Healthcare | Catering | Retail | Animal Welfare | Sports & Leisure | Manufacturing



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www.BioClad.com

NHS Supply Chain Innovation Award Winner

The World's No.1 Antimicrobial PVC Cladding

We are dedicated to supplying and installing BioClad Products. It's all we do and since 1995 we have been doing it well.

The products are suitable for hospitals, schools, sports facilities, restaurant, hotels, offices and factories; anywhere requiring a cost effective hygienic wall surface.

BioClad systems are durable, practical and a hygienic alternative to paints and tiles. They are food safe, easy to clean, come in a range of colours and meet all the current EU Directives on health and hygiene.

BioClad is **100% recyclable**

What does BioClad do?

- Inhibit growth of a wide range of microbes, including MRSA, E.coli, Salmonella and mould by up to **99.9%**
- Continues to **control bacteria 24/7**
- Can **cover up to 250 meters per day**
- In addition to a **20 year warranty**, BioClad's antimicrobial carries a **lifetime guarantee**
- **Eliminates** need for aggressive cleaning fluids

Where has BioClad been specified & installed?

Hospitality:

Costa Coffee, KFC, Burger King, McDonalds, M&S, Pizza Express, Pizza Hut, Frankie & Benny's, Garfunkels, Loch Fyne, Toby Carvery, Harvester, Wasabi, Cotes Restaurants, Jury's Inn, Premier Inn, Novotel, JD Wetherspoons

Sports & Leisure:

Leeds United FC, Hibernian FC, Edinburgh, Cannons Leisure Centre, Saracens Rugby Club, Edgware, London, Nottingham Forest Football Club Academy

Prisons:

Askham Grange, Bedford, Brixton, Cardiff, Dartmoor, Exeter, Frankland, Highdown, Hudley, Latchmere, Liverpool, Low Newton, Norwich, Prescoed, Swaleside, Swansea, Usk, Wandsworth, Woodhill, Wormwood, Wymott

Animal Welfare:

RSPCA, Greater Manchester Police

NHS

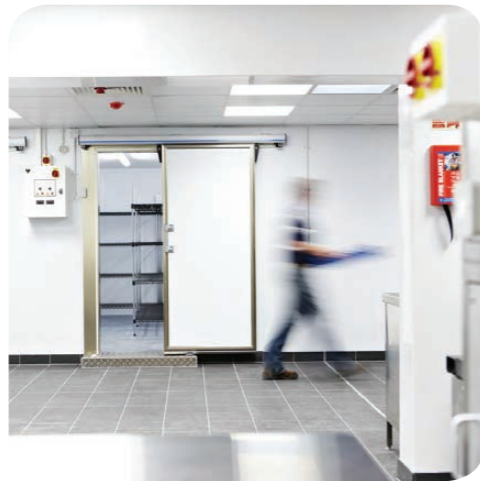
Belfast Royal Victoria Hospital, Guys and St Thomas Hospital, Hammersmith Hospital, Imperial College London, Central Manchester University Hospital, St James University Hospital, Birmingham Hospital, Pinderfields Hospital, Royal Liverpool University Hospital, Inverclyde Royal Hospital, Bath Royal United Hospital, Blackpool Teaching Hospital

International Healthcare

Royal Adelaide Hospital (Australia), King Hamad Hospital (Bahrain), Jananam Fertility Hospital (India), Farooq Fertility Hospital (India), Armed Forces Institute of Cardiology (Pakistan), Majid Al Futta (UAE), St Vincent Hospital (Ireland), Central Mental Hospital (Ireland)

Education

Eton College, University Of Bristol, London Business School, University of Sunderland, University of Liverpool



How Does BioClad Work?

Antimicrobial silver-ion is incorporated into the products at the time of manufacture. The antimicrobial silver damages the bacterial DNA so it is unable to replicate. The bacteria dies. Its antimicrobial performance does not deteriorate over time, nor does it need to be reapplied.

Real World Testing: "0 Bacteria Count"

In a 2012 test by Warwick University, 35 separate surfaces were tested for bacteria levels in a care home kitchen. The BioClad, which had been installed for a year, registered a **0 bacteria count**.

For further details & case studies go to www.bioclad.com

24/7 Protection:

Due to the properties of silver, BioClad does not break down or leach & it cannot be washed away. BioClad therefore provides continuous, 24/7 surface protection from the time of manufacture.

Efficacy:

Accelerated lifecycle tests by an independent laboratory have proven that BioClad's antimicrobial efficacy or effectiveness remains high for the lifetime of the product.

Reducing HCAIs

It is estimated that 5000 people die each year as a result of Healthcare-associated Infections (HCAIs) - that's higher than the number of road deaths each year.

The need to reduce HCAIs in healthcare has never been greater, with hygiene standards and patient safety a top priority for all. BioClad is effective against superbugs including MRSA, working as an additional line of defence against bacteria and complementing hygiene practices stated in the Department of Health's Code of Practice.

Proven case study

BioClad's antimicrobial additive has been tested in a real-life environment at the Heart of England NHS Foundation Trust.

The study, published in the Journal of Infection Prevention, showed how using silver ion in a healthcare environment can reduce bacterial contamination by