

BIO | CLAD

ADVANCED PVC

PERFORMANCE | VERSATILITY | CLEANLINESS

HYGIENIC
PVC WALL
CLADDING
SYSTEM



THE QUEEN'S AWARDS
FOR ENTERPRISE:
2017

SECTORS WE WORK IN



EDUCATION



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HYGIENIC CEILING SYSTEM

A sealed interlocking PVC system to complete a hygienic environment.



PHOTOCLAD®

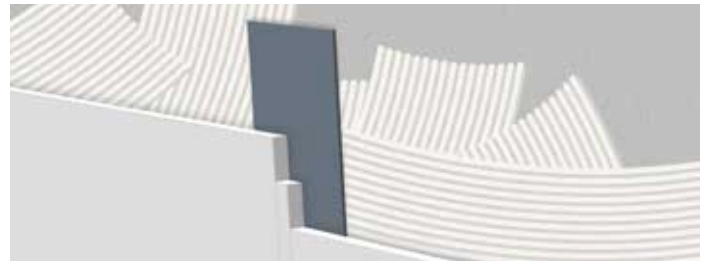
Digitally printed design combine images, corporate marketing and individuality within a seamless hygienic system.

HOW DOES IT GO TOGETHER?



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

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



WELDED JOINT DETAIL

Advanced PVC® 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

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



VINYL FLOOR 2-PART JOINT DETAIL

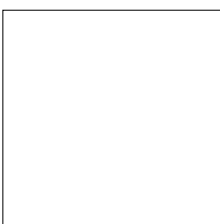
A very flexible detail that allows either the flooring or cladding to be installed first.



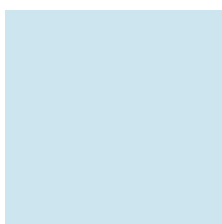
VINYL FLOOR OVERLAY DETAIL

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

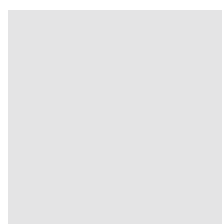
ADVANCED PVC COLOUR RANGE



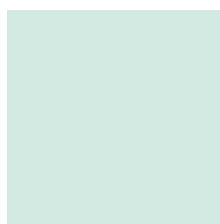
Satin White



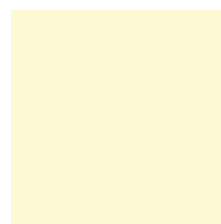
LRV88 Blue



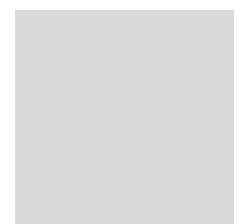
LRV64 Grey



LRV57 Green



LRV75 Cream



LRV71 Sandbank

LRV31

TECHNICAL SPECIFICATION

Advanced PVC® Rigid Sheet Paneling Advanced PVC® single skin UPVC sheet available in White and Pastel shades.

Finish	Satin
Thickness	2.5mm (0.01")
Size	2440mm x 1220mm (8' x 4')
	2800mm x 1220mm (9' 2" x 4')
	3050mm x 1220mm (10' x 4')
Max Temperature	60°C
Weight	3.5kg per m ² (0.7lb ft ²)

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 Advanced PVC 2-part polyurethane adhesive or Advanced PVC® 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

Advanced PVC® 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

Advanced PVC® 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

WARRANTY

Product 20 year warranty.

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.

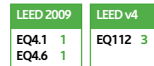
Specification downloads at www.ribaproductselector.com



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.

EU & INTERNATIONAL ACCREDITATIONS



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.