

# ADVANCED PVC

PERFORMANCE | VERSATILITY | CLEANLINESS

# HYGIENIC PVC WALL CLADDING SYSTEM



THE QUEEN'S AWARDS  
FOR ENTERPRISE:  
2017

# SECTORS WE WORK IN



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## HYGIENIC CEILING SYSTEM

A sealed interlocking PVC system to complete a hygienic environment.



## PHOTOCLAD®

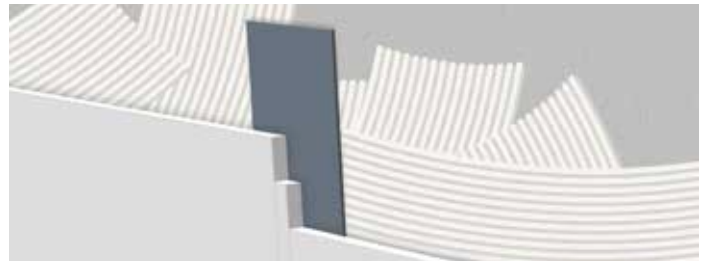
Digitally printed design combine images, corporate marketing and individuality within a seamless hygienic system.

# 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

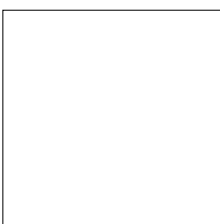
A very flexible detail that allows either the flooring or cladding to be installed first.



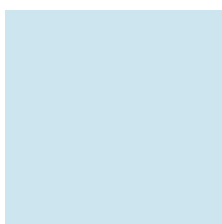
## VINYL FLOOR OVERLAY DETAIL

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

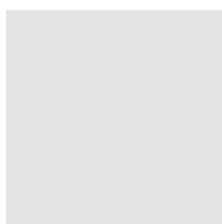
## ADVANCED PVC COLOUR RANGE



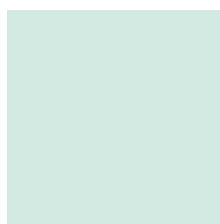
Satin White



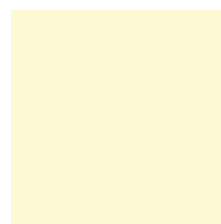
LRV88 Blue



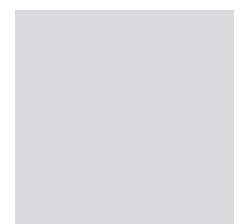
LRV64 Grey



LRV57 Green



LRV75 Cream



LRV71 Sandbank

LRV31

# ADVANCED PVC

## SPECIFICATIONS, ACCREDITATIONS AND INSTALLATIONS

### 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 <sup>2</sup> (0.7lb ft <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 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.



### 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.

### 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/Guarantees  
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

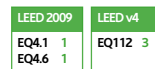
Maximum temperature of 60°C. Sheets can NOT be used near naked flame. Full technical information and consultation available from our technical department.

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

### EU & INTERNATIONAL ACCREDITATIONS



RIBA approved CPD seminar available on request.



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

# ADVANCED PVC

[www.bioclad.com](http://www.bioclad.com)

BioClad® UK (Head Office)  
Unit 1, Creengate, Cardale Park  
Harrogate, HG3 1CY  
England, United Kingdom  
Telephone: +44 (0) 1423 870 049  
Email: [sales@bioclad.com](mailto:sales@bioclad.com)

BioClad® Canada  
6600 Coreway Drive  
Mississauga, ON L4V 1S6  
Telephone: +1-416-966-3332  
Email: [sales@bioclad.ca](mailto:sales@bioclad.ca)