

BIO | CLAD®

# IMPRESSIONS RANGE

Design Focused PVC Hygienic Wall Cladding



# IMPRESSIONS OVERVIEW

The BioClad Impressions Range has been designed for areas where hygiene is paramount but design can not be compromised. Available in a variety of options, the wall sheets are perfect for the majority of environments.

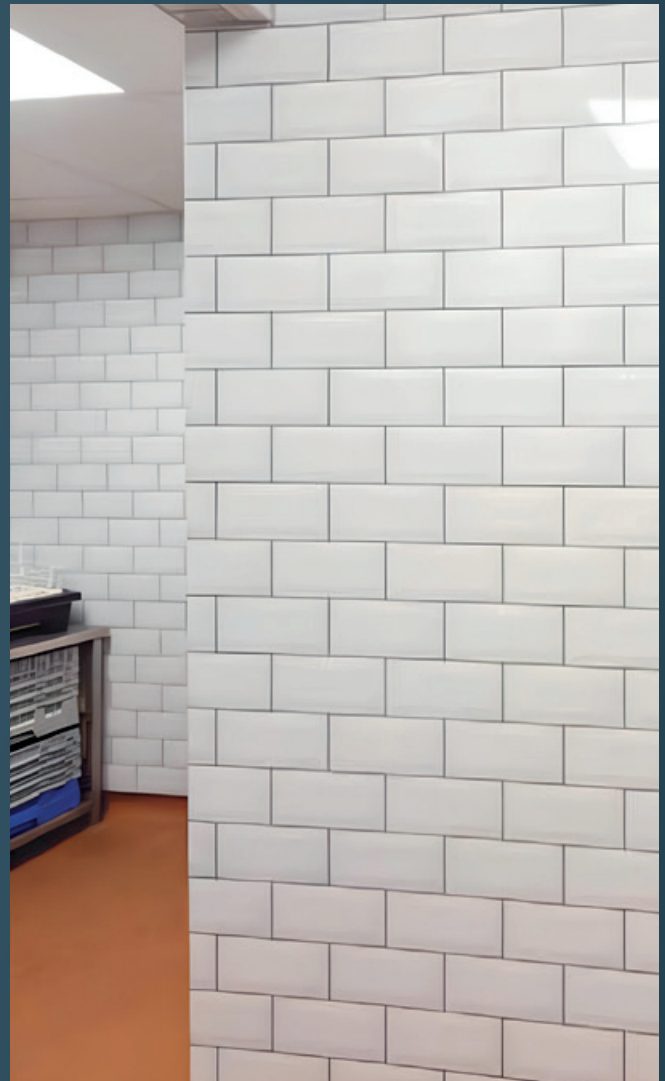
The impressions range is designed to be continuous when installed, ensuring a near seamless finish. Matching trims are available in all designs, but alternatively sheets can be butted together.

## BENEFITS

- **ABRASION RESISTANCE** – Scuffs, chips and scratches are vastly reduced in both quantity and severity.
- **UNIQUE CHOICE** – Any design available.
- **CHEMICAL RESISTANCE** – Protection against common cleaning chemicals without worry of damage.
- **ENHANCEMENT** – High gloss or matte finishes, enhances coloured plastics and prints.
- **WEATHERABLE** – Providing protection against yellowing from the sun's UV rays.
- **DURABILITY** – Long life cladding solution which will stand the test of time.
- **COST + TIME** – vastly reduced installation time on site and labour costs



GREAT BROMLEY INSTALLATION



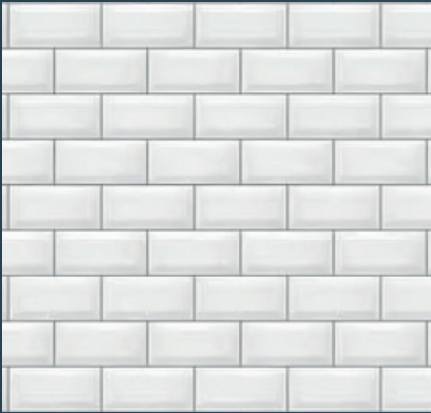
METRO WINSLOW INSTALLATION



METRO BUXTON INSTALLATION

# IMPRESSIONS OUR RANGE

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METRO - WINSLOW



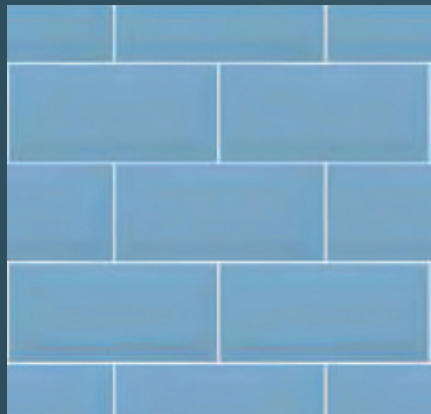
METRO - MARBLE ARCH



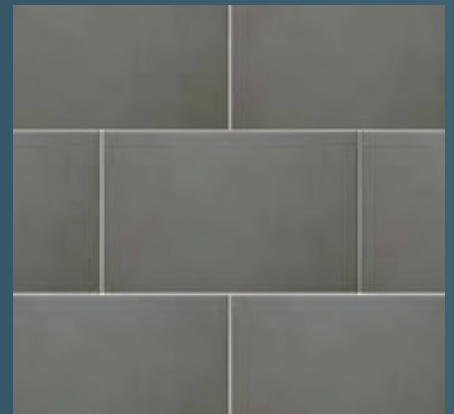
METRO - BUCKINGHAM



METRO - BEXLEY



METRO - BUCKTON



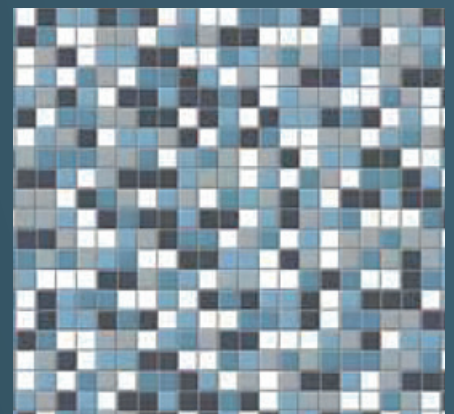
METRO - BROMLEY



HACKNEY



KENSINGTON



MERTON

**Note:** Alternative designs are available upon request - contact [sales@bioclad.com](mailto:sales@bioclad.com)



# IMPRESSIONS OUR RANGE *Continued*



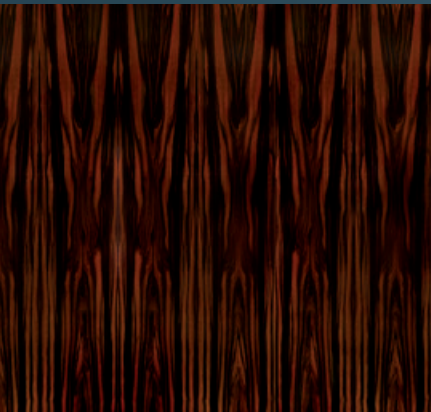
KINTORE



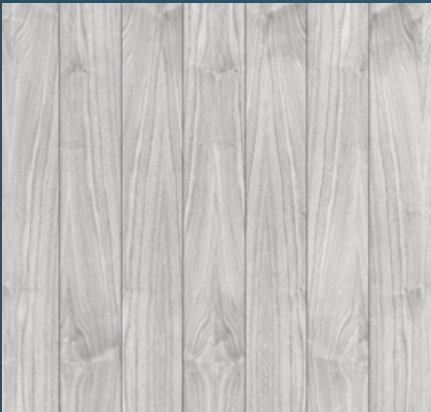
GLENBOIG



AMADORA



MAHOGANY



GREY OAK



GRANITE



ROCK WALL 1



ROCK WALL 2



ROCK WALL 3



SEASHORE



STONE



SLATE

## 3D IMPRESSIONS

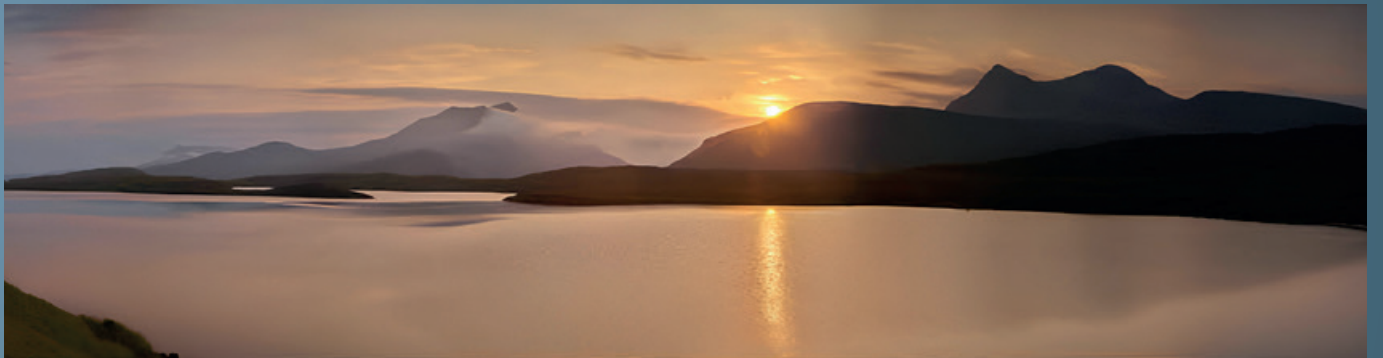


PRINTED TILES with "REAL FEEL CROUT" for added texture





LANDSCAPES



SUNSETS



CITYSCAPE



PHOTOCLAD IMAGE EXAMPLES



# SPECIFICATIONS AND INSTALLATIONS

## K13/145 RIGID SHEET

BioClad® Advanced Premium UPVC sheet.  
BioClad® Antimicrobial Semi-Rigid Sheet Panelling BioClad® single skin UPVC sheet available on request.

Finish	Matte/Gloss (Design Dependant)
Thickness	2.5mm (0.01")
Size	2440mm x 1220mm (8' x 4') 3050mm x 1220mm (10' x 4')
Max Temperature	60°C
Weight	3.5kg per m <sup>2</sup>

## CLEANING

In order to maintain the product in good condition, regular cleaning may be permitted using suitable household cleaning agents. The abrasive resistant coating gives improved protection against chemical attack.

- Use lukewarm water to rinse and soften dirt.
- A solution of lukewarm water and ordinary household cleaner or mild soap for cleaning.
- A sponge or soft cloth should then be used to gently remove dirt and grime.
- Ethyl alcohol or white kerosene may be used sparingly to remove paint and other such substances.

## However, do not:

- Scrub the sheet with brushes or sharp implements.
- Use squeegees.
- Use harsh solvents for prolonged periods of time, other than those listed, or any abrasive cleaners.
- Avoid cleaners of a highly alkaline composition.

Always finish a clean by rinsing with clean water.

## SUITABLE SUBSTRATE

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 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 saw blade whilst sheet is supported

## STORAGE

Sheets to be stored flat and left at ambient room temperature for 24 hours.

## WARRANTY

Please contact: [sales@bioclad.com](mailto:sales@bioclad.com) for warranty information

## FIRE RATINGS

UK - BS 476 Class 1 on non combustible and combustible substrate.

EU - EN13501 B-S3-D0

USA - ASTM E84 Class A

CAN - Can/ULC-S102.2 Tested

AUS - AS NZS 3837 1998 Tested

## COATING HARDNESS USING TEST METHOD ASTM D3363 AND ASTM D1003

As the tests employed for coating hardness are substrate dependant, these tests have been carried out on both **PMMA** and **Polycarbonate**.

## PENCIL HARDNESS USING ASTM D3363

PMMA - 6H Polycarbonate - 5H

## TABER ABRASION USING ASTM D1003 AFTER 100 CYCLES

PMMA <5% Polycarbonate <6%

## JOINTS

Sheets can be sealed by with matching PVC single and 2-part silicon free trim systems or butted together.

## BETWEEN SHEET AND FLOOR

Sheets can be overlaid or trim fixed to vinyl flooring system. Tile and resin flooring trims also available.

## INTERNAL/EXTERNAL CORNERS

Matching printed trims available.

## CHEMICAL RESISTANCE USING ISO TEST METHOD 2812

BioClad has achieved a pass rating for the following chemicals; Ketones, Alcohols, Esters, Glycol ethers, Aromatics, Aliphatics, Alkalis, Acid, Diesel, Petrol

This test was completed at 15 minute intervals for 8 hours and then left for a total of 24 hours.

CHEMICAL	RESULT	CHEMICAL	RESULT
Ketones	Passed	Aliphatics	Passed
Alcohols	Passed	Alkalis	Passed
Esters	Passed	Acid	Passed
Glycol ethers	Passed	Diesel	Passed
Aromatics	Passed	Petrol	Passed



## UK & IRELAND PREMIER INSTALLERS

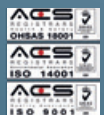
To ensure quality, service and competitiveness on all projects BioClad have a national network of approved and vetted installers able to cover all parts of the UK & Ireland. BioClad Premier Installers are trained and accredited by BioClad to ensure the highest standard in supply and installation is met.



## BIOCLAD® INTERNATIONAL

BioClad® antimicrobial wall cladding is continuously installed into healthcare, education, sport, leisure, and catering projects around the world through our growing international family and partners.

## EU & INTERNATIONAL ACCREDITATIONS



BioClad® products can contribute to LEED v4 and v2009 under 'Material & Resources' and 'Indoor Environmental Quality'

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or visit our website at [www.bioclad.com](http://www.bioclad.com)

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