

# WALL CLADDING

A flexible and durable vinyl wall and ceiling cladding that can be welded to create an impervious, seamless finish. In combination with the protection of a polyurethane surface treatment, the cladding is ideal for those areas where hygiene is of critical importance, including clean rooms.

Polyclad Plus PU 218

Polyclad Pro PU 220





# Polyclad Plus PU



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**Summer Sky 2830** w/r 4430  
NCS S 1510-B80G LRV 61



**Spring Fern 2810** w/r 4420  
NCS S 1010-G30Y LRV 62



**Frosted Cream 2800** w/r 3880  
NCS S 0907-Y10R LRV 66



**Nimbus Grey 2710** w/r 0630  
NCS S 1505-Y60R LRV 70



**Polar Ice 2840** w/r 9520  
NCS S 0603-Y40R LRV 73



**Dove White 2700** w/r 2700  
NCS S 0603-Y40R LRV 72

## Technical Specification

### Product Format

Gauge	ISO 24346 (EN 428)	2.0mm
Total Weight	ISO 23997 (EN 430)	3530g/m <sup>2</sup>
Finish		PU

### Performance Requirements

Reaction to Fire	EN 13501-1	Class B-s3-d0
	AS/NZS 3837 ISO 5660	Group 1 NZBC Verification Method C/ VM2 Ann. A: Class 1 smoke greater than 250m <sup>2</sup> /kg NCC Specifications C1.10 and A 2.4: Class 1 smoke greater than 250m <sup>2</sup> /kg
Static Electrical Propensity	ASTM E648	Class 1
	CAN/ULC S102.2	FSV < 300, SDV <500
Flexibility	EN 1815	≤2.0kV Classified as 'antistatic'
	ISO 24344 part A (EN 435)	Pass
Dimensional Stability	ISO 24343-1 (EN 434)	<0.4%
Light Fastness	ISO 105-B02 (Method 3)	≥6

### Sustainability

GreenTag	LCA Rate Gold Plus	GreenRate level A
Recyclable		100%
Recycled Content		25%
REACH		Compliant
Indoor Air Comfort Gold		Pass
AqBB/ABG		Pass

### Maintenance Performance

Resistance to Chemicals	ISO 26987 (EN 423)	Good resistance
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All Polyflor commercial sheet vinyl ranges provide a continuous, impervious and hygienic solution which can be confidently cleaned in accordance with recommended maintenance procedures and approved maintenance products. The implementation of an effective cleaning regime is the most important defence against infection.

### Hygiene

Bacterial Resistance	ISO 846 Part C	Does not favour growth
Clean Rooms	ASTM F51	Class A - 'non-shedding'
	ISO 14644-1	Class 4

## Sheet Size

Format	Size	Shades	Coverage per Roll
Sheet	2m x 20m	6	40m <sup>2</sup>

All Polyclad Plus shades feature a subtle marblisation

w/r - Weld Rod

LRV - Light Reflectance Value

NCS - Natural Colour System



## Polyclad Pro PU



White Chalk **4093** w/r 4093  
NCS S 0603-G80Y LRV 80



Frosted Grey **4094** w/r 4094  
NCS S 1502-Y50R LRV 65



Biscuit Beige **4092** w/r 4092  
NCS S 1505-Y40R LRV 62



Grey Steel **4095** w/r 4095  
NCS S 2500-N LRV 56



Blue Shingle **4097** w/r 4097  
NCS S 1005-R90B LRV 71



Dusted Blue **4096** w/r 4096  
NCS S 0907-B20G LRV 72

## Technical Specification

### Product Format

Gauge	ISO 24346 (EN 428)	1.25mm
Total Weight	ISO 23997 (EN 430)	1900g/m <sup>2</sup>
Finish		PU

### Performance Requirements

Reaction to Fire	EN 13501-1	Class B-s2-d0
	AS/NZS 3837	Group 1
	ISO 5660	NZBC Verification Method C/ VM2 Ann. A: Class 1-S smoke less than 250m <sup>2</sup> /kg NCC Specifications C1.10 and A 2.4: Class 1 smoke less than 250m <sup>2</sup> /kg
Flexibility	ASTM E84	Class A
	CAN/ULC S102.2	FSV < 25, SDV < 50
Light Fastness	ISO 24344 part A (EN 435)	Pass
	ISO 105-B02 (Method 3)	≥6

### Sustainability

Recyclable	100%
Recycled Content	25%
REACH	Compliant
Indoor Air Comfort Gold	Pass
AqBB/ABG	Pass

### Maintenance Performance

Resistance to Chemicals	ISO 26987 (EN 423)	Good resistance
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All Polyflor commercial sheet vinyl ranges provide a continuous, impervious and hygienic solution which can be confidently cleaned in accordance with recommended maintenance procedures and approved maintenance products. The implementation of an effective cleaning regime is the most important defence against infection.

### Hygiene

Bacterial Resistance	ISO 846 Part C	Does not favour growth
Clean Rooms	ASTM F51/68	Class A - 'non-shedding'
	ISO 14644-1	Class 4

## Sheet Size

Format	Size	Shades	Coverage per Roll
Sheet	1.83m x 30m	6	54.9m <sup>2</sup>

w/r - Weld Rod

LRV - Light Reflectance Value

NCS - Natural Colour System