



# Jemiclad

The PVC Free One for the most demanding environments

**Wall cladding that offers you all of the benefits of traditional PVC cladding with the added benefit of being PVC free.**

Do you require wall protection that is made to last? A solution that is tough, durable with high impact strength? Do you require a surface that passes hygiene code and can easily be kept clean?

Manufactured from lightweight polycarbonate wall cladding is easy to handle during installations with excellent mechanical strength and ease of fabrication you can count on.

With a wide range of colours in both texture, matt and gloss— Jemiclad The PVC Free One is here to solve your design needs. The coloured surface finish eliminates the need for wall painting, minimizing damage marks from impact in those tougher environments.

Like no other, The PVC Free One is double sided, one side smooth for ease of cleaning in food prep or hygiene areas, and the other textured, great for wall protection in corridors or store rooms.

The PVC Free One is excellent thermoforming and hot air welding to allow the ultimate in hygienic lining.

Available in a range of 28 standard gloss and matt colours, with additional metallic colours, UV coating options and textured finish the world is your oyster.



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Tel: +44 1903 722522

[www.jemiclad.co.uk](http://www.jemiclad.co.uk) [www.jemicladusa.com](http://www.jemicladusa.com)

## Why use The PVC Free One?



Tough & Durable



Hygienic  
and Easy to  
Clean



High  
Heat  
Resistance



Easy to  
Fabricate



Easy to Install



Extensive  
Colour  
Range



Excellent  
Chemical  
Resistance



Environmentally  
Friendly

## TYPICAL CLADDING APPLICATIONS

Healthcare Facilities: hospitals, clinics, laboratories, sterile rooms, operating theatres.

Public Facilities: schools, changing rooms, bathrooms, airports, sport centres

Industrial Facilities: industrial kitchens, store areas, warehousing, clean rooms, pharmaceutical

Hospitality: hotels, commercial kitchens, laundry, corridors, restaurant

### Dimensions

Width	1250mm / (4ft)
Length	2500 - 3000 mm / (8 - 10ft)
Thickness	1.7mm
Texture	00/35



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## WALL CLADDING COLOUR RANGE

Available in 28 colours, gloss and matt, and metallic

White 110		similar to NCS S 0300-N
Offwhite 111		NCS S 0520-Y
Beige 120		NCS S 1005-Y30R
Dark Beige 121		NCS S 2005-Y20R
Brown 122		NCS S 7005-Y50R
Light Yellow 130		NCS S 0520-Y10R
Light Pink 140		NCS S 0907-Y90R
Light Green 150		NCS S 1010-G
Light Blue 160		NCS S 1015-R80B
Blue 161		NCS S 4020-B
Light Grey 170		NCS S 2500-N
Grey 171		NCS S 2502-B



### PHYSICAL PROPERTIES

	VALUE	UNIT	STANDARD
Density	1,20	g/cm <sup>3</sup>	ISO 1183
Mechanic properties			
Tensile strength at yield	6	MPa	ISO 527-2
Tensile elongation at yield	60	%	ISO 527-2
Tensile elongation at tensile strength	6	%	ISO 527-2
Tensile strength at break	45	MPa	ISO 527-2
Tensile elongation at break	>50	%	ISO 527-2
Elastic modulus*	2200	MPa	ISO 527-2
Izod Impact, notched +23 C	2300	MPa	ISO 178
Charpy Impact, notched +23 C	65	kJ/m <sup>2</sup>	ISO 180/A
Rockwell hardness*	60	kJ/m <sup>2</sup>	ISO179-1/1eA
Thermal properties			
Vicat softening temperature B120	M70	R-scale	ISO 2039-2
Heat deflection temperature HDT-A	140	C	ISO 306
	135	C	ISO 75-2



# Jemiclad



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**Visit us on the internet**

Further details on the extensive products offered by Jemiclad can be found here:

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With best regards:



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