

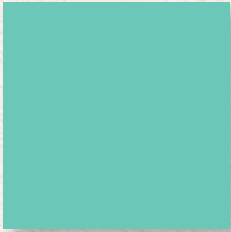


PALCLAD™
Hygienic Wall Cladding System
Colour Palette



PALCLAD™ Colour Palette

PALCLAD™ Prime



Jade | LRV 33



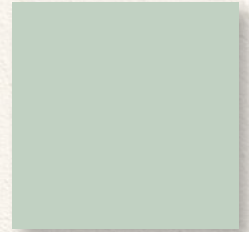
Granite | LRV 6



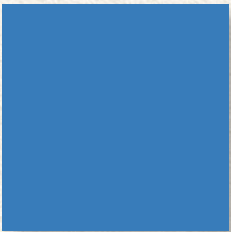
Peacock | LRV 10



Dolphin grey | LRV 29



Enchanted | LRV 34



Bluebird | LRV 8



Siren | LRV 3



Candy floss | LRV 13

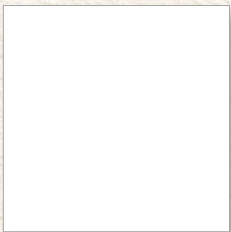


Sugar Plum | LRV 1

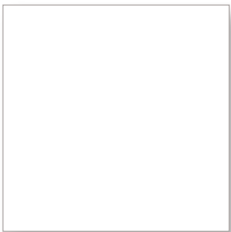


Black Ice | LRV 0

White



Palclad Porcelain White | LRV 83

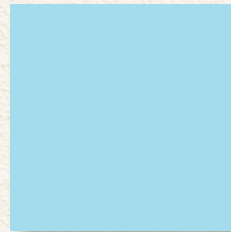


Gloss White* | LRV 87



Palclad™ M660* | LRV 77

Pastels



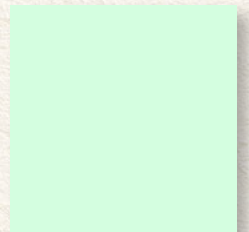
Blue | LRV 52



Grey | LRV 54



Cream | LRV 66



Mint | LRV 70

[LRV = Light Reflective Value.]

* Tin stabilised formulation

PALCLAD™ Prime - Hygienic Wall Cladding System

Complete cladding system

Main Benefits



14 Designer colours



Smooth satin finish with low glare/reflective surface.
Optional Gloss white.



No toxic ingredients
Calcium Zinc formulation (CaZn)
RohS and REACH Compliant



High impact
resistance



Excellent chemical
resistance



Excellent fire resistance
With an optional
Low Smoke (s2) grade

- Creates a high sanitation environment.
- Withstands repeated cleaning cycles.
- Versatile design options facilitated through multiple colours and accessories.
- Full hygienic cladding system including colour matched profiles, weld rods, sealants and adhesives.
- Made in the UK.
- CE marked for cladding applications.

Dimensions

Thickness	Width x Length
2.5 mm	1220 x 3050 mm
2.5 mm	1220 x 2440 mm

Custom Thicknesses and sizes are available upon request, subject to MOQ and production lead times.
Maximum sheet width up to 1500mm available upon request.

Panel Physical Properties

Property	Method*	Conditions	Units	Value
Density	ASTM D792		g/cm ³	1.4
Heat Deflection Temperature (H.D.T)	ASTM D648	Load: 1.82 MPa	°C	60
Service Temperature			°C	0 to 50
Coefficient of Linear Thermal Expansion	DIN 53752	20°C - 90°C	10 ⁻⁵ /k	6.7
Thermal Conductivity	ASTM C177		W/mK	0.15
Tensile Strength at Yield	ASTM D-638	10 mm/min	MPa	45
Elongation at Break	ASTM D-638	10 mm/min	%	>80
Modulus of Elasticity	D-638	1 mm/min	MPa	2,900
Flexural strength	D-790	1.3 mm/min	MPa	80
Flexural modulus	D-790	1.3 mm/min	MPa	2,700
Water Absorption	ISO 62	216 h		≤0.1%
Water Vapour Transmission	ASTM E96		g/m ² /24hr	≤0.12
Impact Strength	ASTM D256	Notched Izod	kJ/m ²	>8
Surface Resistivity	ASTM D257		Ω	>10 ¹⁴

* ASTM except where noted otherwise

Flammability

Standard	Classification	Standard	Classification
EN 13501	B, s3, d0	BS476 Part 6/7	Class 0, Class 1

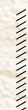


CONSTRUCTION

* All the above depends on thickness and colours.
For additional information please contact PALRAM.



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