



PALCLAD™ Prime

Hygienic Wall Cladding System



AGRICULTURE



CONSTRUCTION



ARCHITECTURE



Main Benefits



14 Designer colours



Smooth satin finish with low glare/reflective surface.



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



High impact resistance



Excellent chemical resistance



Excellent fire resistance
***Also available in Low Smoke (s2) on request**

- 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.
- Fully Recyclable.
- CE marked for cladding applications.
- Advanced Antimicrobial options also available.
- White Gloss also available.
- Thermoformable.



Dimensions

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

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

Flammability

Standard	Classification
EN 13501	B, s3, d0
	B, s2, d0**
BS476	Class 0, Class 1

* All the above depends on thickness and colours.

** Low Smoke B, s2, d0 available in the full range. Please ask for details. For additional information please contact PALRAM.

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

Colour Palette



Pastels



PALRAM EUROPE LTD.
 Tel: +44.1302.380738
 Fax: +44.1302.380788
 Cladding.uk@palram.com
 www.palram.com



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