



# 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 <sup>3</sup>	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 <sup>-5</sup> /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 <sup>2</sup> /24hr	≤0.12
Impact Strength	ASTM D256	Notched Izod	kJ/m <sup>2</sup>	>8
Surface Resistivity	ASTM D257		Ω	>10 <sup>14</sup>

\* ASTM except where noted otherwise

## Colour Palette



## Pastels



**PERSPEX**  
Distribution Ltd  
www.perspex.co.uk

Contact your local Perspex Distribution branch for more details:

Blackburn	01254 272800	Tamworth	01827 263900
Chelmsford	01245 232800	Weybridge	01932 356900
Leeds	01134 677800		



600568 - 11/2019

In as much as Palram Industries has no control over the use to which others may put the material, it does not guarantee that the same results as those described herein will be obtained. Each user of the material should make his own tests to determine the material's suitability for his own particular use. Statements concerning possible or suggested uses of the materials described herein are not to be construed as constituting a license under any Palram Industries patent covering such use or as recommendations for use of such materials in the infringement of any patent. Palram Industries or its distributors cannot be held responsible for any losses incurred through incorrect installation of the material. In accordance with our company policy of continual product development you are advised to check with your local Palram Industries supplier to ensure that you have obtained the most up to date information.

©1998 Palram Industries Ltd. | PALCLAD is a trademark of Palram Industries Ltd.

