



**Maximum clarity, maximum impact.**

Rear printed pvc free panels, to give maximum impact to your image whilst offering ultimate protection.



# Jemiclad

**Maximus, for maximum clarity and maximum impact.**

## Product Description

Jemiclad Maximus perfection, protected. Using our PVC Free optical grade system you can immortalize your image with advance technology rear printing. Maximus is a pvc sandwich panel utilizing 3M tape for ultimate adhesion.

- Durable and Hygienic.
- Superior chemical resistance against cleaning agents, mineral oils and solvents
- High impact strength and resistance to breakage even at sub-zero temperatures
- 100% recyclable
- Customise with your own hi-resolution image.

## Typical Applications

- Hotel Receptions and Lobbies
- Lift and Elevator Lobbies
- Board Rooms
- Hospital Lobbies
- Waiting Areas
- Internal Signage
- Education
- Restaurants
- Patient Ward Rooms



## Panel Sizes

Size	Weight
2500x1220mm (8x4') 2 or 4mm Thick	10.9kg (24lbs)
3000x1220mm (10x4') 2 or 4mm Thick	13.1kg (29lbs)

## Cleaning

In order to maintain the product in good condition, regular cleaning may be permitted using suitable household cleaning agents. The abrasive resistant coating gives improved protection against chemical attack.

- Use lukewarm water to rinse and soften dirt
- A solution of lukewarm water and ordinary household cleaner or mild soap for cleaning
- A sponge or soft cloth should then be used to gently remove dirt and grime
- Ethyl alcohol or white kerosene may be used sparingly to remove paint and other such substances

However, do not:

- Scrub the sheet with brushes or sharp implements
- Use squeegees
- Use harsh solvents for prolonged periods of time, other than those listed, or any abrasive cleaners
- Avoid cleaners of a highly alkaline composition

Always finish a clean by rinsing with clean water.

## Environmental protection of tested reliability

### Correct storage

Always store Jemiclad sheets on a level surface in a dry, air conditioned environment at about 15–20 °C. The packaged sheets may not be exposed to weathering effects and direct sunlight.

### Ecological manufacture

In line with our environmental guide- lines, Jemiclad PET sheets are safe for humans and the environment during their manufacture, use, and disposal. They are free of formaldehyde, asbestos, lindane, PCB, PCP, CFCs, cad- mium, and lead and do not contain any monomers, biocides, or plasticisers. At the end of their service lives, the sheets or sheet residue can be recycled. They are processed in shredders or grinders and then introduced to the manufactu- ring process for new sheets.

### Certified quality

True to our "Ever better principle", the acclaimed high quality of our products bear the hallmarks of our research and development work as well as decades of experience with synthetic materials. Tests are conducted over all stages from the incoming raw materials to the final inspection of the finished products. Regular examinations by

independent testing institutes confirm this high level of care. Logically, our quality assurance system has been DIN ISO 9001 certified.





## Certifications

Properties	Standard	Unit	Value
Water absorption after 7 days	DIN EN ISO 62	%	<0.08
Fire behaviour: surface spread of flame	BS 476 Part 7 (1987)	Class 1	1-4 mm
		Class 1Y	2.5-3 mm
Fire behaviour: fire propagation	BS 476 Part 6 (1989)	Class 0	
Fire behaviour	DIN 4102 (DE)	B1	1-3 mm
	NF P 92-501 (FR)	M1	1.2-8 mm
	USA - ASTM E84 Class A	M2	10-30 mm
	CAN - Can/UCL-S102.2		
	UL 94 (USA)	V0/5VB	1-30mm



## Properties

TYPICAL PROPERTIES (AMORPHOUS POLYETHYLENE TEREPHTHALATE) RESIN			
PROPERTY		TEST METHOD	VALUE
Physical Properties	Density	ISO 1133	1.33g/cm <sup>3</sup>
	Moisture absorption (24 hrs @ 23°C)	ISO 62-4	<0.2%
	Water solubility	DIN 53122	Insoluble
Mechanical Properties	Tensile Strength at Yield	ISO 527	56MPa
	Flexural Strength	ISO 527	82MPa
	Elastic Modulus	ISO 527	2420MPa
	Impact Resistance (Charpy test, un-notched)	ISO 179	No breakage
	Rockwell Hardness (R-Scale)	-	111
Optical Properties	Refractive Index	ASTM D542	1.578%
Thermal Properties	Vicat Softening Temperature @ 1kg load	ISO 306(B)	75°C
	Thermal expansion coefficient	ISO 75-2	0.06mm/m°C
	Service Temperature Range	-	-20 to +60°C
Electrical Properties	Dielectric Strength	IEC 60243-1	60k V/mm
	Surface Resistivity	IEC 60093	10 <sup>16</sup> Ω

# Jemiclad

## Contact us

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## Visit us on the internet

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



With best regards:

