



**The hygienic whiteboard solution based on Jemiclad's proven hygienic wall protection.**

Jemiclad Writeboard is perfect for use in laboratories, clean rooms, kitchens, operating theatres, throughout hospitals and education.

# Jemiclad

Writeboard, the perfect formula

## Product Description

Jemiclad Writeboard has got you covered. Using our PVC and PET (PVC Free) hygienic wall protection with a UV cure clear coat we can offer a durable and hygienic white board.

- Durable and Hygienic.
- Jemiclad Writeboard can be ordered in any Jemiclad colour.
- For use with widely available dry erase pens.
- Can be combined with Photojemic to allow repeat drawing over an permanent image, vector or text.
- Can be combined with Jemiclad's other wall cladding products to offer designated WriteBoard areas.
- BS Class 0 Fire Proagation and Class 1 Spread of Flame, ASTM E84 Class A fire rated.
- Chemical Resistant.

WriteBoard can be a simple white board in a Laboratory or an entire wall, a nurses patient planner or a childs waiting room drawing board.

## Typical Applications

- Laboratories
- Nurse Station
- Board Rooms
- Pharmaceutical
- Sterelization Areas
- Operating Theatres
- Commercial Kitchens
- Education
- Pediatrics Waiting Rooms
- Patient Ward Rooms



## Panel Sizes

Size	Weight
2500x1220mm (8x4') 2.5mm Thick	10.9kg (24lbs)
3000x1220mm (10x4') 2.5mm Thick	13.1kg (29lbs)

Custom panel lengths are available. Max dimensions 3500x1500mm. Please ask for details.

## 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 PVC-U 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.



## Technical Data

Mechanical properties	Standard	Unit	WA
Apparent density*	DIN EN ISO 1183	g/cm <sup>3</sup>	~ 1,43
Yield stress (tensile strength)	DIN EN ISO 527	MPa	≥ 55
Elongation at tear	DIN EN ISO 527	%	≥ 15
Flexural strength	DIN EN ISO 178	MPa	≥ 80
Compressive strength	Based on DIN EN ISO 844	MPa	≥ 70
Modulus of elasticity	DIN EN ISO 527-2/1A/50	MPa	≥ 3000
Notched impact strength	DIN EN ISO 179-1ePA	KJ/ m <sup>2</sup>	≥ 4
Impact strength	DIN EN ISO 179	KJ/ m <sup>2</sup>	
	0 °C		no failure
	-20 °C		-
	-30 °C		-
	-40 °C		-
Ball indentation hardness (358 N/30 s)	DIN EN ISO 2039	MPa	~ 100

Thermal properties	Standard	Unit	WA
Vicat softening temperature	DIN EN ISO 306 (Process B50)	°C	≥ 75
Deflection temperature	DIN EN ISO 75	°C	~ 68
Coefficient of linear thermal expansion from – 30 °C to + 50 °C	DIN EN ISO 11359-2 (Process Ae)	mm/mK	0,08
Thermal conductivity from 0 °C to + 60 °C	DIN EN ISO 22007	W/mK	0,16

## 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

# Jemiclad

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## Visit us on the internet

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

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



With best regards:



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