

# Trade Essentials® V-Lite Foamed Panels

Trade Essential V-Lite Rigid Foamed PVC Panels are a versatile light weight panel that is suitable for alfresco kitchen carcasses, signage and displays.

V-Lite PVC Foamed Panels are light and strong. They are water resistant and resistant to most cleaning products, making them ideal for applications where hose cleaning is required.



## APPLICATIONS

Trade Essentials V-lite Foamed PVC panels are suitable for non-structural cabinetry and furniture carcass liners in both Internal and external applications, internal exhibition display units & POS displays, all where V-lite is not exposed to direct UV sunlight or weather extremes for prolonged periods

Note: V-Lite PVC Foamed Panels are not to be used in structural applications, including exterior wall cladding, building facades, balustrades, shelving, railings or

swimming pool surrounds. V-Lite PVC Foamed Panels must not be used as a fireplace surround as it is a combustible material. As with most surfaces exposed to outdoor conditions over prolonged time, some change in colour and appearance of the surface may occur.

## SHELF LOADING

Laminex Trade Essential V-Lite Rigid Foam PVC Panels is NOT recommended for construction of unsupported shelving as the PVC is susceptible to creep.

## PROPERTIES

Test	Method	Result	
Thickness	AS/NZS 4266.35: 2004	16.19mm	
Moisture	AS/NZS 4266.3: 2004	0.5%	
Density	AS/NZS 4266.4: 2004	540kg/m <sup>3</sup>	
MoE	AS/NZS 4266.5: 2004	1230MPa	
MoR		17.7MPa	
Internal Bond	AS/NZS 4266.6: 2004	1.57MPa	
Surface Soundness	AS/NZS 4266.7: 2004	> 2.1N/A	
24 Hour Thickness Swell	AS/NZS 4266.8: 2004	0.0%	
Wet Bending Strength	AS/NZS 4266.10: 2004	17.63MPa	
Screwholding	Edge	755N	
	Face	479N	
Formaldehyde Emission	AS/NZS 4266.16: 2004	0.04mg/L	
Porosity	AS/NZS 4266.22: 2004	Rating 2	
Resistance to Cracking	AS/NZS 4266.24: 2004	No Cracks	
Resistance to Staining	AS/NZS 4266.25: 2004	Beetroot juice	2
		Coffee	2
		Tomato Sauce	1
		Marking Pen	4
		Shoe Polish	2
Resistance to Dry Heat	AS/NZS 2924.2 Part 8	Rating 2	
Resistance to Scratching	AS/NZS 2924.2 Part 14	0.3 Newton	
Resistance To Steam	AS/NZS 2924.2 Part 23	Rating 3	

## GENERAL BOARD WEIGHT

Unit	Kg/m <sup>2</sup>
16mm	9.0

## SHEET SIZE

V-Lite PVC Foamed Panels are available in 24x20 x 1220 x 16mm white sheets only

Thickness (mm)	Length (mm)	Width (mm)
16	2420	1220

## FIRE HAZARD INDICES

(Typically Achieved when tested to AS/NZS 1530.3: 1989)

Indices	Range	Result
Ignitability	13	0-20
Spread of Flame	0	0-10
Heat Evolved	3	0-10
Smoke Developed	8	0-10

## VOC TEST RESULTS

(Typically achieved when tested to ASTM D 5116)

	Result
TVOC Emission	<0.01mg/m <sup>2</sup> /hr

## FIRE TEST RESULTS

Cone Calorimeter (Results when tested in accordance with AS/NZS 3837)

Classification	Result
Group Number	3
Average Specific Extinction Area	645.4m <sup>2</sup> /kg