

Trade Essentials® V-Lite Foamed Panels

Trade Essentials V-Lite Foamed PVC Panels are versatile light weight panels that are suitable for alfresco kitchen carcasses, signage and displays.

V-Lite Foamed PVC 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 internal and outdoor furniture including cabinetry carcasses and alfresco kitchen carcasses, as well as exhibition display units and POS displays.

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

surrounds. V-Lite Foamed PVC Panels must not be used as a fireplace or BBQ 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

Trade Essentials V-Lite Foamed PVC Panels are 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 ³	
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	> 2.1	
24 Hour Thickness Swell	AS/NZS 4266.8: 2004	0.0%	
Wet Bending Strength	AS/NZS 4266.10: 2004	17.63MPa	
Screwholding	Edge Face	AS/NZS 4266.13: 2004	755N
			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 ²
16mm	9.0

DIMENSIONS

V-Lite Foamed PVC Panels are available in white.

Thickness (mm)	Length (mm)	Width (mm)
12, 16 or 18	2440	1220
16	3600	1560

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

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 ² /kg

VOC TEST RESULTS

(Typically achieved when tested to ASTM D 5116)

	Result
TVOC Emission	<0.01mg/m ² /hr