

Laminex Vertiboard®



Vertiboard® is a predecorated particleboard substrate with a hardwearing melamine surface on both sides.

APPLICATIONS

Vertiboard® can be used in all applications away from high humidity, such as wall units, built-in furniture, bedroom furniture, shelving and wall lining.

COLOURS

A full range of colours, patterns and woodgrains are available. Please check your local branch for availability.

FINISH

Flint and Natural.

SURFACE PROPERTIES

Vertiboard®, when tested in approved manner complies with the relevant sections of AS/NZS 1859.3-1996 surface properties as follows.

FIRE HAZARD INDICES

| (Typically achieved when tested to AS/NZS 1530.3-1989) | | |
|--|--------|-------|
| Indices | Result | Range |
| Ignitability | 12 | 0-20 |
| Spread of Flame | 5 | 0-10 |
| Heat Evolved | 5 | 0-10 |
| Smoke Developed | 3 | 0-10 |

RESISTANCE TO WEAR

Solid Colors
Typical results 600 cycles.

Patterns and Woodgrains
Typical results 100 cycles.

RESISTANCE TO STEAM
No noticeable permeability effects.

SHEET SIZES AND THICKNESSES

Refer to the Laminex® Product Availability Chart.



SUBSTRATE PROPERTIES

| (Typical physical properties when tested to AS/NZS 1859.2-2001 Int.) | | | | | | |
|--|-------------------|-----------|------|------|------|------|
| Property | Unit | THICKNESS | | | | |
| | | 9mm | 12mm | 16mm | 18mm | 25mm |
| Board Density | kg/m ³ | 670 | 670 | 640 | 635 | 620 |
| Internal Bond | KPa | 550 | 550 | 460 | 460 | 440 |
| Modulus of Rupture | MPa | 18 | 18 | 18 | 16 | 16 |
| Modulus of Elasticity | MPa | 2600 | 2600 | 2500 | 2500 | 2200 |
| *Screw Holding – Face | N | N/A | N/A | 700 | 700 | 700 |
| *Screw Holding – Edge | N | N/A | N/A | 800 | 800 | 800 |
| Surface Soundness | MPa | 0.9 | 0.9 | 1.1 | 1.1 | 1.1 |
| Moisture Content | % | 5-8 | 5-8 | 5-8 | 5-8 | 5-8 |
| Thickness Swell 24 hr | % | 18 | 15 | 15 | 15 | 15 |

* Values reflect new testing methods for screw holding properties in AS/NZS 4266.13-2001 (Int).

In most instances the performance characteristics of the particleboard exceeds the minimum requirement of AS/NZS 1859.1-2001 (Int). However for minimum property values refer to AS/NZS 1859.1-2001 (Int).

WEIGHT

| Thickness | 9mm | 12mm | 16mm | 18mm | 25mm |
|-----------------------|-----|------|------|------|------|
| kg per m ² | 6.0 | 8.0 | 10.2 | 11.4 | 15.5 |

IMPORTANT NOTE

A slight variation exists between the flint finish on Laminex® melamine faced board products (Lamiwood MR®, Decorwood®, HD3® Decorated, Vertiboard®, Vertiboard MR, Structural and Contour® Doors) and the flint finish on Laminex® high-pressure laminate products.

Care & Maintenance

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