

Laminex Contour® Doors

The Laminex Contour Doors range is produced on a selected range of standard Lamiwood MR colours. It is important to be aware that due to the complexity of the decorated papers construction, not all of the standard Lamiwood MR colour range can be used to produce Contour Doors.



APPLICATIONS

Contour® Doors are suitable for use in all areas of high humidity, such as kitchen cupboard doors, bathroom vanities, laundry cupboards, shelving, wall panelling and all domestic and commercial joinery applications.

SUBSTRATE PROPERTIES

(Typical physical properties when tested to AS/NZS 1859.2)

| Property | Unit | THICKNESS |
|----------------------------|-------------------|-----------|
| | | 18mm |
| Board Density | kg/m ³ | 735 |
| Internal Bond | KPa | 900av. |
| Modulus of Rupture | MPa | 43av. |
| Modulus of Elasticity | MPa | 3600av. |
| *Screw Holding – Face | N | 1000av. |
| *Screw Holding – Edge | N | 1600av. |
| Surface Soundness | MPa | 1.7 |
| Thickness Swell 24 hrs | % | <4 |
| Moisture Resistance MOR(A) | MPa | 9.7 |

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

WEIGHT

| Thickness | 18mm |
|-----------------------|------|
| kg per m ² | 13.1 |

THICKNESSES

18mm.

DIMENSIONAL STABILITY

Length 0.4% Thickness 5.0% with changes from 35% Relative Humidity to 85% Relative Humidity (relative to datum point of 65% relative humidity).

DECORATIVE SURFACE PROPERTIES

Lamiwood, when tested in approved manner complies with the relevant sections of AS/NZS 1859.3 for substrate properties as below.

FIRE TESTS

(Typically achieved when tested to AS/NZS 1530.3)

| Indices | Result | Range |
|-----------------|--------|---------|
| Ignitability | 13 | 0 to 20 |
| Spread of Flame | 6 | 0 to 10 |
| Heat Evolved | 6 | 0 to 10 |
| Smoke Developed | 4 | 0 to 10 |

| Cone Calorimeter AS/NZS 3837 (Irradiance of 50kw/m ²) | | |
|---|--------|---------------------|
| Classification | Result | Unit/Range |
| Group Number | 3 | 1-3 |
| Average Specific Extinction Area | 64.7 | m ² / kg |

MOISTURE RESISTANCE

Laminex Craftwood MR complies with Wet Cyclic Test Moisture Resistance Properties as specified in AS/NZS 1859.2.

RESISTANCE TO WEAR

Solid Colours

Typical results 700 cycles.

Patterns and Woodgrains

Typical results 150 cycles.

RESISTANCE TO STEAM

No noticeable permeability effects.

STANDARD COLOUR RANGE

Contour Doors are available in a range of solid colours, woodgrains and patterns from the Laminex Colour Palette. To see the full range of Contour Doors call 132 136 for a copy of the Laminex Contour Door brochure.

DIMENSIONAL AND EDGING SPECIFICATIONS

Panels are produced using 18mm thick Lamiwood for normal door and furniture panels.

PROFILES

7mm radius profile and Square Edged with matching ABS edging are available. The Square Edged offer is also available in Silk Melamine finish.

EDGING

Supplied with a choice of either 1mm or 2mm ABS edging on ends of doors or panels.

PANEL DIMENSIONS

An extensive range of sizes are available due to the large board size the doors are made from. Some size restrictions do apply due to machining constraints.

Minimum Height: 115mm
 Maximum Height: 2400mm
 Minimum Width: 125mm
 Maximum Width: 1600mm

DOOR INSTALLATION

As the door substrate is a wood based panel, it will react to changes in moisture, as will natural timber, and hence humidity variations will influence the extent to which doors will bow.

MINIMUM SPECIFICATIONS FOR NUMBER OF HINGES PER DOOR DEPENDING ON HEIGHT

| Door Height | Hinge Quantity |
|---------------|----------------|
| 0-850mm | 2 |
| 851mm-1350mm | 3 |
| 1351mm-1800mm | 4 |
| 1801mm-2400mm | 5 |

THIRD PARTY CERTIFICATION

Laminex Lamiwood is an ecospecifier GreenTag™ GreenRate level A certified product and can contribute to Green Star® points.



IMPORTANT NOTE

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

Laminate Product: Care & Maintenance

Appendix 2. General Care and Maintenance
 Section 9:2

Board Product: Site Work Notes

Appendix 3. Handling & Product Application
 Section 9:3

Board Product: Shelf Loadings

Appendix 3. Handling & Product Application
 Section 9:3