

Laminex ColourTech® Doors

ColourTech® Doors are produced on 18.0mm thick white singled sided Lamiwood MR® with a two pack polyurethane paint, ready for the tradesperson to install.

The ColourTech® colour range covers all Laminex® laminate plain colours, and the surface finish is textured to match standard Lamiwood™ sheet products.



APPLICATIONS

ColourTech® Doors, whilst specifically designed to be installed in kitchen, bathroom and laundry applications, have many alternate applications within the domestic and commercial furniture industries.

It is important to be aware that due to the Craftwood MR® core, ColourTech® Doors are only recommended for interior applications.

An extensive range of sizes are available due to the large board size that the doors are made from. Some size restrictions do apply due to machining constraints (Refer to the Laminex ColourTech® easy reference chart).

DOOR INSTALLATION

As the door substrate is a wood based panel, it will react to changes in moisture, as will natural timber,

SUBSTRATE PROPERTIES

(Typical physical properties when tested to AS/NZS 1859.2-2001)

| Property | THICKNESS RANGE | |
|-----------------------|-------------------|---------|
| | Unit | 18mm |
| Board Density | kg/m ³ | 735 |
| Internal Bond | KPa | 900av. |
| Modulus of Rupture | MPa | 40av. |
| Modulus of Elasticity | MPa | 3500av. |
| *Screw Holding – Face | N | 800av |
| *Screw Holding – Edge | N | 1400av |
| Surface Soundness | MPa | 1.6 |
| Moisture Content | % | 6-9 |
| Thickness Swell 24hr | % | 6 |
| Moisture Resistance | Test | V313 |

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

and hence humidity variations will influence the extent to which doors will bow. The effect of door bow can be minimised by the following installation instructions:

| Minimum specification for number of hinges per door depending on height | |
|---|----------------|
| Door Height | Hinge Quantity |
| 0-850mm | 2 |
| 851mm-1350mm | 3 |
| 1351mm-1800mm | 4 |
| 1801-2400mm | 5 |

Door bow can further be minimised by avoiding large size doors and bar panels. For example, split pantry doors (rather than one tall door) and individual doors for bar panels are recommended.

FIRE HAZARD INDICES

(Typically achieved when tested to AS 1530.3-1989)

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

WEIGHT

| | |
|-------------------------|------|
| Thickness: | 18mm |
| kg per m ² : | 13.0 |

THICKNESS

18mm.

DOOR DESIGN RANGE

ColourTech® Doors are available in 12 different profiles with seven co-ordinating glaze doors to match. Coupled with an extensive choice of Laminex® colours, ColourTech® co-ordinates with the Laminex® product range and can create any kitchen or bathroom design from country, classic through to the most contemporary looks. To see the full range of ColourTech® Doors phone 132 136 for a copy of the Laminex® Door Book.

Care & Maintenance
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Processing & Installation
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Shelf Loadings
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