Laminex®
Inspire your space

Laminex® Structural Board

Laminex Structural Board is a hardwearing faced two side panel comprising of decorative melamine saturated paper bonded to moisture resistant MDF.
New surface developments give Laminex Structural Board improved wear, abrasion and impact resistance properties when compared to LPM products.
The Laminex Structural Board substrate is a moisture resistant, low formaldehyde E0 medium density fibreboard (MDF).

APPLICATIONS

Laminex Structural Board is designed for both horizontal and vertical applications.

It is designed for interior applications such as partitions, table tops, cupboard doors, built in furniture, commercial shelving, office furniture and school furniture.

SURFACE FINISH

Natural

FIRE PERFORMANCE

The Group Number Classifications are generated from tests carried out and data reduced in accordance with the test procedure described in ISO 5660 2002 – Reaction to Fire test – Part 1: Heat Release & Part 2: Smoke Production Rate, for the purposes of determination of the Group Classification in accordance with the New Zealand Building Code – Verification Method C/VM2. Appendix A

Group Classification Number: 3

THIRD PARTY CERTIFICATION

Laminex Structural Board is an ecospecifier Global Green Tag Green Rate Level A certified product and can contribute to Green Star points.

ecospecifier global GREEN TAG CERTIFIED GOLD GreenRate | Level

Properties	
The following are typical performance values when Laminex Structural Board is tested to the relevant test methods in AS/NZS 4266	
Property	Typical Values
Resistance to Wear	Solid colours >500 cycles Patterns and woodgrains >175 cycles
Resistance to Steam	No noticeable permeability affects
Resistance to Dry Heat	When Structural Board is exposed to temperatures higher than 180°C slight dulling of the surface may occur.
Resistance to Impact	>40 cm

DESIGN CONSIDERATIONS

Edge Finishing. The edges of Laminex Structural Board can be finished using melamine edge tape, solid edging, soft forming, T-edge or solid timber clashing.

FABRICATION

As with any MDF substrate, Structural MR EO MDF will require predrilling of all holes. It is recommended that the pilot hole be drilled with a 1mm smaller drill size than the nominal screw size, e.g. 10mm screw will require a 9mm wide pilot hole. This will assist in preventing splitting of the MDF substrate.
The depth of the pilot hole will depend on the screw depth, but should be no closer than 15mm to the edge of the sheet to ensure sufficient strength for load bearing or supporting sections.

HANDLING AND STORAGE

- Do not slide panels over each other or across sharp or gritty surfaces
- Store away from moisture, heat and sunlight
- Sheets must be flat stacked on aligned bearers or gluts.
- Bearers or gluts must be a uniform thickness and must extend across the full width of the stack.

CARE AND MAINTENANCE

Regular cleaning requires only a wipe down with warm soapy water. The use of streak-free glass cleaner and a soft cloth can also maintain the surface.

Never use abrasive cleaners or scourer pads to clean Laminex Structural Board as that may damage the surface.