

Perfect for high use horizontal surfaces in both commercial and residential spaces.

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## Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include self-assessment and technical information by manufacturer



Formica® confirms that this minimum level of assurance has been met or exceeded by the following:

Laminex New Zealand

[HPL on MDF Fire Test - 7-598418-CV](#)



## Technical Statement

### Product Description

Formica® High Pressure Laminate (HPL) is perfect for work surfaces and benchtops in both commercial and residential spaces. It's stylish, durable, easy to clean and is available in a selection of Velour (standard), Etchings, Honed, Riverwash, Naturelle or GlossPlus (AR+) finishes. Something else quite brilliant about Formica - it's covered by a 7 year limited warranty.

Formica® HPL is manufactured through fusing multiple layers of impregnated paper under high pressure and temperature to create a hard wearing, durable and hygienic surfacing material. The Formica® Colors, Patterns and Woods ranges are high pressure laminates which are postformable.

HPL is robust and hygienic and bonded to a substrate offers countless design and application opportunities for a wide variety of environments.

### Scope of use

Formica HPL is suitable for most interior horizontal or vertical surfaces, including counters, bench and table tops, store fixtures, office furniture, vanity units, display work, reception areas, wall paneling, toilet partitions, and door and drawer fronts.

### New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B2 Durability:** Performance B2.3.1(c)
- **Clause C3 Fire affecting areas beyond the fire source:** Performance C3.4(a)
- **Clause E3 Internal moisture:** Performance E3.3.4
- **Clause F2 Hazardous building materials:** Performance F2.3.1

### Evidence

The product meets the requirements set out in the following documents, or relevant parts of cited standards within the documents:

Fire Group Classification The Group Number Classification below was generated from tests carried out and data recorded 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/MM2 Appendix A

[Formica High Pressure Laminate bonded to Lakepine MDF substrate: Group Number Classification 3](#)

### Supporting Evidence

The product has and can make available the following additional evidence to support the above statements:

Laminex New Zealand

[HPL on MDF Fire Test - 7-598418-CV](#)

## Product Criteria

### Design requirements

Formica HPL is suitable for most horizontal or vertical surfaces, including counters, bench and table tops, store fixtures, office furniture, vanity units, display work, reception areas, wall panelling, toilet partitions, and door and drawer fronts. Formica HPL should be bonded to a suitable substrate such as standard or moisture resistant particleboard, standard or moisture resistant medium density fibreboard (MDF) or marine grade plywood.

**masterspec partner**

### Company Contact Details



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## Installation requirements

Please refer to your Fabricator or Joiner for specific requirements for your project.

## Company Product Information

### Environmental

Laminex New Zealand has established GREENfirst® to encompass numerous programmes of environmental management. This reflects our belief that action must follow good intentions and ambitious goals. We are taking action to:

- reduce energy use throughout the life of our products through finding and implementing economical energy-efficient solutions for our businesses;
- ensure active water stewardship;
- reduce carbon emissions by optimising energy usage in the production of our products;
- work with suppliers to increase recycled and eco-friendly content in our raw materials, making mandatory the use of fibres from sustainable forests;
- ensure that our products and services meet or exceed requirements of ISO14001
- Eliminate or minimise waste from products, services and workplaces.
- Participation in clusters which provide education and advocacy in sustainability including New Zealand Green Building Council; Sustainable Business Network and EnviroSpec.

### Relationships



Member of New Zealand Green Building Council



Date last validated: **09 March 2015**



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