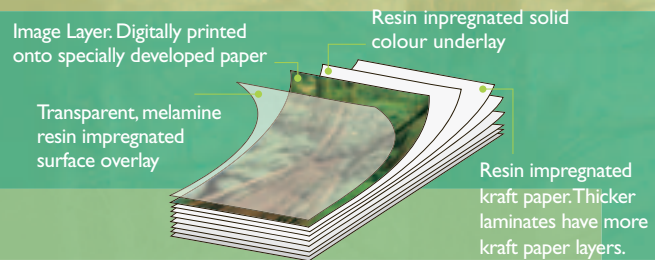


Laminex® Fusion® Surfaces



- Laminex® Fusion® Surfaces are high pressure laminates made from layers of Kraft paper impregnated with phenolic thermosetting resins to make up the product core and melamine impregnated decorative paper to make up the surface layer, manufactured under high pressure and temperature. Fusion is a unique laminate surface that allows design professionals to choose from hundreds of exclusive print designs or create custom images and artwork.
- Fusion Surfaces are designed for use as decorative surface for benchtops, table tops, wall panelling, reception desks, retail displays, furniture, P.O.S. displays, toilet partitions, cupboard doors, wall murals and many other uses.
- They are very durable surfaces with a high wear, scratch and moisture resistance.
- There are a number of different grades for various interior applications.
 - Fusion Xtra Grade is a 1mm thick general purpose laminate designed for horizontal and vertical applications. It is not designed for post forming.
 - Fusion Sign Grade is a 3mm thick laminate with a hardwearing decorative surface on one or two sides. Designed as a self supporting panel with high impact and wear resistance.
 - Fusion Vizege™ is a 2.7mm thick decorative laminate specifically designed for a variety of wall applications particularly where resistance to moisture is required.
 - Fusion Solid Grade is a laminate with a thicker build ranging in thickness from 2mm to 20mm with a decorative layer on both sides. Designed for high impact and wear applications where a thicker self supporting panel is required.
- Fusion Surfaces offer designers unlimited possibilities in design and colour.
- Various surface finishes are available to deliver specific visual, tactile and wear properties for selected products and colours.
- Fusion Surfaces have low VOC and formaldehyde emissions for better indoor air quality.
- A commercially viable and environmentally preferable range of products without compromising design flexibility.
- Fusion Surfaces have been awarded the Good Environmental Choice Australia Licence.
- Fusion Surfaces are made to meet or exceed the requirements of AS/NZS 2924.1:1998 – High Pressure Decorative Laminates and ISO 4586.1-1995.



Laminex Fusion Surfaces are licenced by GOOD ENVIRONMENTAL CHOICE AUSTRALIA.

Printed on recycled paper. Image courtesy of Forest Products Commission.

Laminex®
Inspire your space

Wood Fibre Sources

The Laminex Group has several suppliers of paper for use in the manufacture of High Pressure Laminates. All suppliers to The Laminex Group use wood pulp sourced from sustainable managed plantations.

There are three types of paper used in the manufacture of High Pressure Laminates:

- (i) Kraft paper is used to construct the core of the laminate.
 - Kraft paper comes from suppliers in the USA and Scandinavia.
- (ii) Solid colour and printed paper – This is sourced from suppliers in Europe, USA and Asia.

Paper suppliers source wood pulp from timber plantations certified under one of the following programs:

- FSC (Forest Stewardship Council – International)
- PEFC (Pan European Forest Council)
- SFI (Sustainable Forestry Initiative USA)

Wood species include:

- USA – Elder, Ash and Pine
- Europe & Scandinavia – Birch, Spruce and Pine
- South America – Eucalypt

The Laminex Group specifies the use of ECF – Elemental Chlorine Free bleached pulp for decorative papers. Heavy metals are not present in the colouration pigments used for paper supplied to The Laminex Group.

Reduced Emissions for Better Indoor Air Quality

- The Laminex Group uses Phenolic Formaldehyde resins in the manufacture of high-pressure laminates. The formaldehyde emission levels are very low and easily meet the European E1 limit.
- Fusion Surfaces emit formaldehyde well below the workplace exposure limit set by the Ministry of Health and comply with the voluntary standards of Good Environmental Choice Australia.
- Fusion Surfaces emit very low traces of VOCs (Volatile Organic Compounds).

Product Durability

- The serviceable life of the product will depend on its application. When stored, handled, used and maintained in accordance with current technical literature, the product will meet the durability requirements of NZBC B2.3.1 (c)

Modularity & Flexibility

- The standard sheet sizes of Fusion Surfaces are developed to meet the practical requirements for typical furniture and joinery applications, so that waste can be kept to a minimum.
- Benchtops, worktops and surfaces decorated with Fusion Surfaces can be refurbished, reused or easily replaced.

Product Stewardship

The Laminex Group is committed to exploring commercially viable environmental programs, and is investigating processes and technologies to collect and re-use its products after the end of their serviceable lives. At present a commercial means of recovering and recycling high pressure laminates in Australia and New Zealand does not exist.