

Laminex® Fusion® Surfaces is a revolutionary new concept in surface design. Laminex® Fusion® surfaces offer design professionals greater choice, flexibility and ease-of-use than ever before.

You can choose from hundreds of exclusive designs and colours. Or, design your own image (called Customart). All Laminex® Fusion® laminates are custom made in quantities of one sheet to thousands.

APPLICATIONS

Laminex® Fusion® Surfaces have wide interior application in all segments, wherever there is a surface. Examples include: benchtops, table tops, wall panelling, reception desks, retail displays, furniture, P.O.S. displays, toilet partitions, cupboard doors, wall murals etc.



Product Characteristics	
Sheet Size: (nominal)	3600mm x 1200mm
Thickness: (nominal)	0.8 - 2.7mm
Weight: (approx)	0.8mm: 1.4kg/m ² 2.7mm: 4.4kg/m ²
Finish:	Natural, Gloss, Dimensions*

*Dimensions finish is not recommended for anti-graffiti/chemical resistant applications.

Fire Test			
(Typically achieved when tested to AS/NZS 1530.3)			
Indices	Results		Range
	*	**	
Ignitability:	14	12	0-20
Spread of Flame	5	0	0-10
Heat Evolved	4	2	0-10
Smoke Developed	5	4	0-10

*Laminate adhered to 33mm particleboard with neoprene adhesive.

**Laminate adhered to non combustible substrate.

Properties

(AS/NZS 2924.1)

Property	Results
Resistance to Wear:	Initial surface wear not less than 150 cycles. Average wear not less than 350 cycles.
Resistance to Immersion in Boiling Water:	Minimal blistering evident.
Resistance to Dry Heat at 180°C:	No deterioration other than slight loss of gloss/colour.
Resistance to Steam:	No deterioration other than slight loss of gloss/colour.
Dimensional Stability:	Dimensional change of not more than 0.6% with grain and 1.1% across grain.
Resistance to Staining:	Reagents Groups 1 and 2 = No visible change. Reagents Groups 3 and 4 = Slight change of colour and/or gloss.
Resistance to Change in Artificial Light*:	Not more than slight colour change in Xenon arc light Minimum 6 on Blue Wool Scale.
Resistance to Cigarette Burns:	No deterioration other than moderate change in gloss and moderate brown staining.

Cone Calorimeter AS/NZS 3837 (Irradiance of 50kW/m²)

Classification Range	Result*	Unit/Range
Group number	1	1-3

Average Specific Extinction Area	136.9	m ² /kg
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*Laminate unadhered

Laminex Fusion Standard laminate tested to AS/NZS 2924.1 HGS Type and ISO 4586.1