

## Laminex® Metallics™

**Laminex Metallics are high pressure laminates manufactured with genuine decorative metallic foils. The surface of these products is coated with a protective lacquer similar to a good quality timber lacquer.**



### APPLICATIONS

Laminex® Metallics™ are ideal for walls, doors, feature paneling, room dividers, exhibition stands and shop fittings (displays, stands, etc.). Other uses include fireplace and kitchen hoods, lift linings and many other areas where a metallic look is desired.

Metallic finishes are recommended for light duty interior applications only. They are not recommended for heavy usage areas such as worktops, bars, tables, kitchen splashbacks or kick boards. Laminex Metallics are not heat formable.

### PRODUCT CHARACTERISTICS

Sizes:	2400mm x 1200mm
Thickness:	0.8mm to 1.3mm
Weight:	1.5kg/m <sup>2</sup> approx. (1mm)

### FIRE TESTS

(Typically achieved when tested to Cone Calorimeter; AS/NZS 3837 (Irradiance of 50kW/m<sup>2</sup>))

Classification	Result*	Unit/Range
Group Number	1	1-3
Average Specific Extinction Area	33.5	m <sup>2</sup> / kg

\*0.8mm Laminate unadhered

### WHEN SPECIFYING

Surfacing shall be Laminex Metallic laminate as supplied by The Laminex Group. Colour/Finish shall be .....

### CARE & MAINTENANCE

#### Caution

Laminex Metallics are intended for interior use in vertical decorative applications. The lacquered surface of Laminex Metallics has similar properties to a high quality wood lacquer; thus the surface could be damaged by hard objects and some solvents. The metallic surfaces have low resistance to impacts and low resistance to abrasion.

Avoid the use of solvents for cleaning purposes. Any spillage of liquids should be removed as soon as possible. Do not use abrasive cleaners, even those in liquid form.

Laminex Metallics should be cleaned with a soft, moist cloth or moist chamois leather and then dried with a soft, dry cloth. A mild cleaning agent such as glass cleaner can be used to remove smudges and smears.

Do not place hot objects on or near the surface nor expose the surface to hot water or steam. Laminex Metallics laminates are not recommended for use in areas of high humidity such as in bathrooms or laundries as exposure to

moisture for prolonged periods can cause corrosion of the metallic surface and/or delamination. Protect from strong, direct sunlight as continuous exposure may cause discolouration or fading to the surface over time.

### SITE WORK NOTES

Laminex Metallics laminates come protected with a plastic film that should be left attached while the laminate is being processed. The plastic film should not be exposed to direct sunlight as it may degrade making removal more difficult and the film should be removed within 6 months of receiving the laminate. Ensure that checks for colour, colour uniformity and surface defects are performed before the job is started. Use laminate from one production batch for a job as small variations in appearance can occur batch to batch due to the production process of the metallic foils.

Laminates should be stored horizontally. If this is not possible, it is recommended to store the sheets propped up on their long edge against a wall but fully supported at an 80 degree angle. Condition for at least 48 hours in the same environment as the substrate.

When processing, ensure that the adjoining sheets are running in the same orientation otherwise variations in appearance may occur.

Laminex Metallics can be sawn, drilled and milled like standard high pressure laminates. It is advisable to use carbide-tipped cutting tools. When cutting, the decorative surface should always face upwards.

Laminex Metallics should be bonded to Trade Essentials Particleboard or Craftwood MDF using Trade Essentials Contact Adhesives or Cross-Linking PVA adhesives. Laminate should be fully supported when glued.

Do not bond directly to plaster, plasterboard or concrete. If heating adhesives the temperature should not exceed 60°C (140°F). Two component epoxide glues and polyurethane adhesives can also be used but care must be taken that the glue residues are completely removed from the surface before they harden. Condensation resin glues such as urea are not recommended as the acid released during hardening can adversely affect the metallic foil.

When pressing the laminate to a substrate, a thin protective soft layer (eg. paper) should be placed on top of the metallic surface. Avoid excess glue coming in contact with the unprotected metallic surface. Use only sufficient pressure to ensure a good bond.

During cutting and machining a slight burring may occur on the new edge. This can be removed by careful use of a fine file.

**Note:** This technical data does not apply to Brushed Stainless Steel or Steel Wave.

For these products refer to the Laminex Stainless Steel Technical Data Sheet.

## General Site Work Notes

Appendix 1. Handling & Product Application Guidelines  
Section 9:1

## Laminate Product: Care & Maintenance

Appendix 2. General Care and Maintenance  
Section 9:2