

## Laminex® Metallics™ and Innovations®

Laminex Innovations are high pressure laminates ideal for walls, doors, feature panelling, room dividers, exhibition stands, shop fittings and other areas where a unique or metallic look is desired.



### OVERVIEW

The Innovations® range consists of 3 categories: Metallics, Fantasy designs and leather look laminates. All Innovations decors are classified as vertical grade, light duty applications.

Decór	Material Type
Alumina Metaltex	Metallic
Aluminium Forte	Metallic
Anodised	Metallic
Artisan	Fantasy Design
Artisan Nero	Fantasy Design
Ash White Rhythm	Fantasy Design
Ash White Rindle	Fantasy Design
Black Magic	Fantasy Design
Black Riser	Fantasy Design
Black Strike	Fantasy Design
Bold Clone	Fantasy Design
Brushed Bronze	Metallic
Brushed Graphite	Metallic
Brushed Platinum	Metallic
Brushed Stainless Steel	Metallic
Brushed Titanium	Metallic
Carbon Crush	Fantasy Design
Chichi Magic	Fantasy Design
Copper Crossroads	Metallic
Copper Lustre	Fantasy Design
Crafted Copper	Metallic
Creased Aluminium	Metallic
Discovery	Fantasy Design
Dusk Flourish	Fantasy Design
Ebony Flourish	Fantasy Design
Entanglement	Metallic
Flute Silver	Metallic
Fossil Rhythm	Fantasy Design
Fossil Strike	Fantasy Design

Decór	Material Type
Goddess Illumina	Fantasy Design
Graphite Crossroads	Metallic
Intrigue	Metallic
Invoke	Fantasy Design
Juicy Magic	Fantasy Design
Juicy Strike	Fantasy Design
Lounge Pearl	Leather Look
Luscious Illumina	Fantasy Design
Mirror Smoke	Metallic
Ornamental Espresso	Fantasy Design
Platinum Lustre	Fantasy Design
Plex Argent	Metallic
Plex Copper	Metallic
Plex Copper DarkTone	Metallic
Plex Graphite	Metallic
Plex Umbra	Metallic
Plex White	Fantasy Design
Polar White Magic	Fantasy Design
Polar White Strike	Fantasy Design
Pure Clone	Fantasy Design
Ragged Copper	Metallic
Sarsen Grey Corrugate	Fantasy Design
Satin Platinum	Metallic
Satin Smoke	Metallic
Silver Lustre	Fantasy Design
Snow Crush	Fantasy Design
Stellar Illumina	Fantasy Design
Stellar Rhythm	Fantasy Design
Stellar Rindle	Fantasy Design
Tracery	Metallic
Trans Rondo	Metallic
Tribal Flame	Metallic
Tribal Graphic	Metallic
Volcano Gunmetal	Metallic
Volcano Natural	Metallic
Zinc Lustre	Fantasy Design

### PRODUCT CHARACTERISTICS

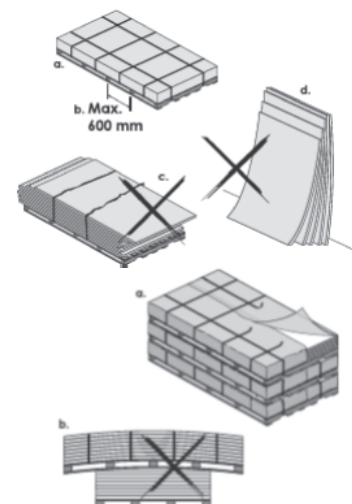
Sizes:	2400mm x 1200mm 3600mm x 1200mm 3000mm x 1200mm see Innovations brochure for available sizes by decór
Thickness:	0.8mm to 1.3mm
Weight:	1.5kg/m <sup>2</sup> approx. (1mm)

### WHEN SPECIFYING

Surfacing shall be Laminex Innovations laminate as supplied by Laminex. Colour/Finish shall be .....

### STORAGE AND HANDLING

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.



## SECTION I – METALLICS

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 exposed to heat sources or kick boards. Laminex Metallics are not heat formable.

### 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.

### PROCESSING

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 can be bonded to Trade Essentials Particleboard or Craftwood MDF using Trade Essentials Contact Adhesives or cross linking PVA. PVA or PUR adhesives are recommended. Contact adhesives can cause telegraphing of the glue line.

Do not bond directly to plaster, plasterboard or concrete.

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.

### BONDING GUIDELINES

When pressing the laminate to a substrate, a thin protective soft layer (eg. paper) should be placed on top of the metallic surface. Use the minimum amount of pressure necessary to ensure a good bond.

**Maximum bonding temperature:** 60°C

**Maximum specific pressure applied for bonding:**

- Satin Smoke, Mirror Smoke, Polished Aluminum, Volcano decors: 0.1N/mm<sup>2</sup>
- Other Metallics: 0.3N/mm<sup>2</sup>

**Maximum décor exposure temperature of installation not to exceed:** 80°C

When bonding heavily embossed laminates such as the Volcano decors to base materials, it is recommended you use padding to achieve uniform pressure.

**Warning:** If pressing directly against the heat plate, the pressure designed for the entire area will only be effective at the raised points of the embossed surface and result in frame marks on the surface or flattening of the embossed structure.

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. Refer to the Laminex Stainless Steel Technical Data Sheet.

## SECTION 2 – FANTASY DESIGNS

### CARE & MAINTENANCE

A damp cloth will remove spills and greasy spots. Rub with a clean dry cloth to bring back brightness. Occasionally clean with mild dishwashing detergent. To remove heavy build-up of dirt use cleaners such as Mr Muscle, Windex or Ajax Spray n Wipe spray cleaners.

### PROCESSING

As per Metallics above.

### BONDING GUIDELINES

When pressing the laminate to a substrate, a thin protective soft layer (eg. paper) should be placed on top of the metallic surface. Use the minimum amount of pressure necessary to ensure a good bond.

**Maximum bonding temperature:** 60°C

**Maximum specific pressure applied for bonding:** 0.3N/mm<sup>2</sup>

**Maximum décor exposure temperature of installation not to exceed:** 80°C

When bonding heavily embossed laminates to base materials, it is recommended you use padding to achieve uniform pressure.

**Note:** Whilst Laminex Innovations decors are designed for vertical use, the following decors have been tested to AS/NZS 2924.1 and are equivalent to the horizontal bench top category for surface wear. This makes them a more durable choice for areas that may be subject to higher abuse: Bold Clone, Copper Lustre, Discovery, Dusk Flourish, Ebony Flourish, Goddess Illumina, Luscious Illumina, Ornamental Espresso, Platinum Lustre, Pure Clone, Silver Lustre, Stellar Illumina and Zinc Lustre.

## SECTION 3 – LEATHER LOOK LAMINATES

### CARE & MAINTENANCE

These should be cleaned with standard artificial leather care products. Ensure the manufacturer's instructions are followed.

### PROCESSING

As per Metallics above.

### BONDING GUIDELINES

Maximum bonding temperature:  
60°C

Maximum specific pressure applied for  
bonding: 0.1 N/mm<sup>2</sup>

Maximum décor exposure temperature  
of installation not to exceed: 60°C