

# Laminex® Silk Finish™

Laminex Silk Finish is presented on a durable Moisture Resistant (MR) E0 Medium Density Fibreboard (MDF) substrate providing a platform for a high gloss decorative finish. The decorative surface comprises of melamine resin technology to provide the same secure surface as provided by the suite of Laminex low pressure decorative surfaces, suited to vertical applications.



## APPLICATIONS

Laminex Silk Finish is designed for interior use, such as drawers, doors, end panels and breakfast bars. It is available in a selection of Laminex decors with matching gloss ABS edging.

Silk Finish is offered in the lower formaldehyde emission level E0, providing improved indoor air quality.

## APPEARANCE

The Silk Finish gloss level, as expressed in 60 degree units, conforming to ISO 2813 is specified as a minimum of 105 units and may exceed 110 units on some decors, on the top or face side of the board and  $\geq 95$  units on the bottom or back side of the board.

Laminex Silk finish presents best in the following lighting conditions: Natural daylight, Defused Fluorescent lighting, Incandescent lighting, Halogen and other forms of Down/Spot lighting. Some lighting such as factory style non-defused Fluorescents, Metal Halide, or daylight distributed by transparent roof sheeting may reduce the surface reflectivity and unity of the Silk surface.

## Note:

Due to the high reflective surface, some imperfections may be noticed in the surface due to slight substrate variations, contamination from packaging and transport and marking of the surface from handling. Marking can also be caused during fabrication due to

techniques employed. This is inherent with the high gloss decorative surface as the Silk finish is classified.

## DECORATIVE SURFACE PROPERTIES

Silk Finish, when tested in approved manner complies with the following sections of AS/NZS 1859.3 for surface properties.

## RESISTANCE TO WEAR

AS/NZS 1859.3 requires minimum performance of:

### Solid Colors

Average > 300 cycles.

### Prints and Woodgrains

Average > 40 cycles.

### Resistance to Steam

No noticeable permeability effects.

## FIRE TESTS

(Typically achieved when tested to AS/NZS 1530.3)

Indices	Result	Range
Ignitability	14	0-20
Spread of Flame	8	0-10
Heat Evolved	7	0-10
Smoke Developed	4	0-10

Cone Calorimeter AS/NZS 3837 (Irradiance of 50kW/m<sup>2</sup>)

Classification	Result	Unit/Range
Group Number	3	1-3
Average Specific Extinction Area	90.1	m <sup>2</sup> / kg

## SHEET SIZES AND THICKNESSES

2400 x 1200mm  
16, 18mm

## FINISH

Gloss

## MOISTURE RESISTANCE

Laminex Silk Finish complies with moisture resistant properties as specified in AS/NZS 1859.2.

## HANDLING

Laminex Silk Finish is supplied with protecting film on the top side of the panel. The protecting film can also remain on with off-cuts to identify the panel top side and removed when required.

## Note:

Although application of protective film is intended to provide some mechanical protection to the decorative surface, it is possible that contamination can also be trapped between the film and decorative surface. Whilst precaution to minimise this is taken, it is also totally unavoidable of film application in this instance. It is therefore both necessary and recommended that the decorative surface is inspected by the fabricator to ensure there will be no unsuspecting defect on the intended work piece surface.

Common to gloss surfaces, noticeable change of gloss due to finger prints, contamination and surface damage is more obvious due to the reflectance of the surface. Therefore, it is recommended that the fabricator/installer takes the necessary precautions to protect all laminate surfaces; the fabricator/installer also needs to communicate care and maintenance to the end user to avoid unscheduled surface damage and to facilitate maintaining surface appearance.

## CARE AND MAINTENANCE

Laminex decorated board products are hard wearing materials, but like all materials can be damaged if used without some care and maintenance. The following information will assist in maintaining the surface of the Silk Finish product with minimum time and effort.

### Cleaning:

A wipe over with a clean soft damp cloth should be sufficient to keep the decorative surface clean. Soiled surfaces or light stains are removed with warm soapy water or with common detergent such as Windex Glass cleaner; Mr Muscle, Dissol, Nifty Solvent or bathroom cleaner; Flash liquid, or Bathroom plus containing no abrasive or strongly acidic or alkaline ingredients.

If wipe marks are noticeable on the Silk Finish, it is generally due to greasy residue being moved around as a result of the cleaning process. To remove; Methylated spirits may be used or Windex glass cleaner. It is recommended to do a final wash down with soapy water and dry clean cloth to remove any residue and restore the appearance. Alternative commercial cleaning products are available such as Quartet Board Gear. The Laminex Group does not supply these products. It is important that this product is not applied to the raw substrate, it is only to be used on the melamine decorative surface. The customer needs to adhere to the relevant supplier MSDS for these products.

### General:

- Wipe off all food and drink spills immediately
- Never use abrasive cleaners or powders, abrasive pads or steel wool
- To avoid scratching or marking the gloss surface make sure the cleaning cloth does not contain any hard or foreign particles

Laminex decorated board products should not remain in contact with hypochlorite bleach, caustic solutions, hydrogen peroxide solution in any concentrations, mineral acid, sodium bisulphate, potassium permanganate in any concentrations, berry juice, silver nitrate (1% concentration), gentian violet in any concentration, mild silver protein, laundry blue dye or iodine solution.

## THIRD PARTY CERTIFICATION

Laminex Lamiwood (Silk Finish) is an ecospecifier Global GreenTag™ GreenRate Level A certified product and can contribute to Green Star® points.



In addition, Laminex Lamiwood (Silk Finish) has achieved Australian Forestry Standard / Programme for Endorsement of Forest Certification Schemes (AFS/PEFC) Chain of Custody (CoC). This ensures that the timber is sourced from sustainably managed forests and accrues Timber Credits in the Green Star Materials Calculator.

