

Morland's laminate faced birch plywood is offered across a huge range of decorative laminates. The panels are extremely hard wearing so ideal for high traffic, commercial applications.

Applications For Interior Use:

- Internal Furniture Components
- Rebound Walls
- Shelving
- Internal Light Fittings
- General Joinery
- Acoustic Panels

Benefits:

- Thousands of decor options including Formica, Egger and Polyrey
- Impact Resistant
- Cuts And Machines Cleanly
- FSC® Certification Available



Specification Details

| | | | | | | |
|---|---|----|----|----|----|----|
| Core Thickness (mm) | 9 | 12 | 15 | 18 | 21 | 30 |
| Dimensions (mm) | 2440x1220 or 3050x1220 or 3660x1220 | | | | | |
| Tolerance- Thickness (mm) | EN 315 (+0.65/- 0.85 (15mm)) | | | | | |
| Tolerance- Dimensions (mm) | EN 315 (+/- 3.5) | | | | | |
| Tolerance- Edge Damage (mm) - UNCUT PANELS ONLY | 10 | | | | | |
| Tolerance- Perimeter Registration | -/+ 5mm | | | | | |
| Average Density | 800KG per/m ³ (+/- 10%) (15mm) | | | | | |
| Core Manufactured Standard | EN636-1 | | | | | |
| Core Property | Interior birch EN 314-2 | | | | | |
| Formaldehyde Release | Class E1 | | | | | |
| Moisture Content | 9-14% | | | | | |
| Certification | FSC® - Available on request | | | | | |
| EUTR Status | Compliant | | | | | |
| CE Marked | No | | | | | |
| Material Safety Data Sheet | Available On Request | | | | | |

Additional Features

| Quality Feature | Unit | Result | Standard |
|-------------------------|------------|--------|---------------|
| Resistance to dry heat | Rating | 4 | EN 438-2:2005 |
| Resistance to water | Rating | 3 | EN 438-2:2005 |
| Resistance to staining | Rating | 4 | EN 438-2:2005 |
| Light fastness (Xenon) | Grey scale | 4-5 | EN 438-2:2005 |
| Resistance to Cigarette | Rating | 3 | EN 438-2:2005 |

Characteristics:

Birch plywood is a very dense board noted for its multiple veneer layers which improve screw retention and stability as well as providing a decorative finish in themselves by means of contouring, sanding and lacquering.

Morland would always recommend that decorative laminated birch plywood is bonded on both faces with either a matching or balancing laminate to ensure stability. Thicknesses of less than 12mm are not recommended as stability cannot be guaranteed.

| Laminate (Decor) Type | Laminate (Decor) Thickness | Applications |
|------------------------------------|----------------------------|--|
| Continuous Pressure Laminate (CPL) | 0.15mm > 0.5mm | Verticle and light to medium use horizontal <i>eg. medium traffic wall panels, low traffic work surfaces,</i> |
| Continuous Pressure Laminate (CPL) | 0.6mm > | Verticle and medium to heavy use horizontal <i>eg. commercial wall panels, commercial work surfaces,</i> |
| High Pressure Laminate (HPL) | 0.6mm > 1.4mm | heavy duty Verticle and heavy use horizontal <i>eg. commercial wall panels, commercial work surfaces,</i> |

Machining

Because decorative laminates have a relatively hard surface, tool wear will be greater. For longer life and better performance tungsten carbide tipped (TCT) saws and cutters should be used. For specific information please visit our website (www.morland-uk.com).

Edge Finishing

Moisture ingress may cause the panel to swell and result in internal/ external de-lamination. We strongly recommend that all edges are sealed.

Cleaning

Due to the resistant and hygienic, dense surface, Laminate does not require any special form of care. The laminate surfaces consists of melamine resin impregnated decor paper and the surfaces are generally easy to clean. This also applies to textured surfaces. There is no need to use any care products. Furniture polishes and cleaning agents that contain wax should not be used as they have a tendency to clog up the surface structure of laminates and to form a sticky layer that attracts dirt. Laminate surfaces should be cleaned regularly. When cleaning is necessary, mild agents should be used. Cleaning agents must in particular not contain any abrasive components, as they may adversely affect the gloss level or scratch the surface. As many kinds of soiling can occur, from slight and fresh to heavy and obstinate, and a huge range of different substances may be involved, it is essential to use the correct cleaning procedure.

Maintenance

As a general rule spilled substances such as tea, coffee and wine etc. should be cleaned immediately as the cleaning effort increases if they are left to dry. → The following instructions should be observed in daily use:

Placing burning cigarettes on the laminate surface leads to surface damage. Always use an ashtray.

Laminate surfaces should not be used as a cutting surface as this can also leave cutting marks on highly resistant laminate surfaces. **Always use a chopping board.**

Placing hot cooking utensils such as saucepans and frying pans directly from the hob or oven onto the laminate surface should be avoided, as, depending on the heat exposure, a change in the gloss appearance or damage to the surface can arise. **Always use heat resistant mats.**

Spilled liquids should always be cleaned up immediately, especially in the areas around cut-outs and joints as prolonged exposure to some substances may cause a change in the gloss appearance of the laminate surface.