

# ApplePly®

## Veneer Core Panels for Premium Quality Edges

ApplePly® is a uniquely designed States' hardwood panel product. Constructed from uniform laminations of solid grade 1/16" birch, this all-hardwood-core panel is strong and lightweight with a minimum number of voids and a naturally attractive edge. It machines beautifully without tearing or fuzzing. ApplePly is famous for its eye-catching edge, which is frequently a primary design element in furniture, fixtures and architectural installations.



## Specify Your Face and Back Veneer

There are four key attributes you can specify when choosing your ApplePly face and back veneers:

**Wood Species:** Primary determinant of color and grain characteristics.

**Veneer Cutting:** How veneer is cut from a log determines how the grain is presented.

**Veneer Matching:** How leaves or "flitches" of veneer are assembled to achieve desired pattern and color effects.

**Veneer Grading:** How much natural variation is allowed.

For more information, see our "[Veneer Specification Guide.](#)"

ApplePly®



### Attractive Edge Detail

*ApplePly's uniformly thin plies of light-colored Birch give it a visually attractive edge. The strong pattern of the edge is often used as a primary design element.*

**ApplePly panels** are the perfect choice for cabinetry and fine furniture where the edge of the panel is an eye-catching design element.



ApplePly® is a premium quality, veneer-core panel constructed from uniform laminations of solid grade 1/16" birch. This solid hardwood core produces a strong, lightweight panel with a minimum number of voids and a naturally attractive edge. These panels contain No-Added-Urea-Formaldehyde.

## Sizes & Tolerances

ApplePly is manufactured in 4' widths and 8' lengths. Some thicknesses are available in 10' lengths. Thicknesses range from 1/4" 5-ply through 1 7/16" 27-ply. Tolerances comply with American National Standards Institute (ANSI/HPVA) grade rules, HP-1-2004.

## Attractive Edges

Uniformly thin core veneers laminated at right angles produce an attractive visual edge that is often used as a primary design element in furniture, fixtures and architectural installations. ApplePly is also popular for use as

drawer sides because of its appearance when left unbanded. Alternating end and edge grains absorb stain and finish at different rates, producing a pleasing light and dark layered effect.

## Improved Machinability

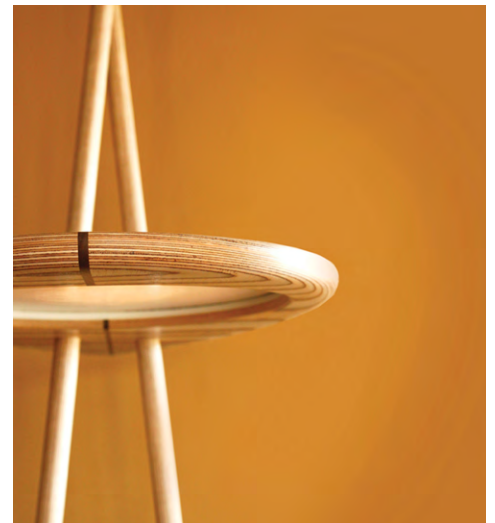
Because ApplePly is made from low-density hardwood veneers, and because it has few voids, it machines beautifully without tearing or fuzzing. Bullnosed drawer edges are a popular application.

## Finishes

Like all States Industries' products, ApplePly can be ordered with States' NOVA ultraviolet-cured finish, available in clear, translucent or opaque, and in satin, medium or high gloss. Custom gloss levels are also available in larger quantities. In addition, we offer custom color matching. Accurate color matching is the hallmark of States' NOVA finishes.

## Environmental Stewardship

ApplePly is manufactured without the use of urea-formaldehyde adhesives and meets California Air Resources Board's stringent air-quality standards.



*ApplePly lamp designed and crafted by Josh Gregory*

## Technical Specifications

	Modulus of Rupture (PSI)		Modulus of Elasticity (PSI)		Screw Withdrawal (Pounds force)	
	Parallel	Perpendicular	Parallel	Perpendicular	Perp. to Face	Perp. to Edge
<b>1/4" ApplePly</b>	7,477	5,199	745,716	443,927	649	516
<b>1/2" ApplePly</b>	8,855	8,380	830,436	910,679	649	516
<b>3/4" ApplePly</b>	8,731	9,429	1,026,885	1,048,433	649	516
<b>3/4" Conventional</b>	5,000	4,000	600,000	500,000	649	516

Test samples constructed with maple face and back veneers. Wood has natural variations. Data is provided for comparison purposes and does not constitute a claim by States Industries that all panels will meet the values expressed.