

ApplePly®

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.

With few voids, it machines beautifully without tearing or fuzzing. The eye-catching edge, that States' ApplePly® is famous for, is frequently a primary design element in furniture, fixtures and architectural installations.



ApplePly® Veneer Core Panels
for Premium Quality Edges.





ApplePly®

Ingenuity, it's in everything we do.

States Industries 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 and are available Forest Stewardship Council certified.



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.

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.

Technical Specifications

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

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.

Attractive Edges

Uniformly thin core veneers laminated at right angles produces 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 grain and edge grain absorbs stain and finish at different rates, producing a pleasing light and dark layered effect.

Finishes

Like all States Industries' products, ApplePly® can be ordered with States' NOVA® ultraviolet cured finish; 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.

Improved Machinability

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

Environmental Stewardship

ApplePly® is manufactured without the use of urea-formaldehyde adhesives, and meets California Air Resources Board's stringent air quality standards. Additionally, ApplePly® is available Forest Stewardship Council certified.