



Case Study: Commercial

Bickerstaff Heath Delgado Acosta LLC

Industry:
Commercial

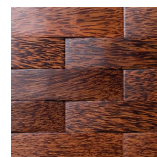
Location:
Austin, Texas

Architect:
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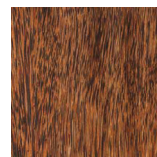
Bickertaff Heath Delgado Alcosta, LLC a law firm in Austin, Texas specializing in government entities, chose durapalm flat grain plywood and palm woven paneling to create a rich, warm look for their offices and lobby area. The palm woven and flat grain palm plywood stay tonally the same in this installation as the woven aspect of the paneling gives contrast in texture creating added interest to this beautifully designed space.



Materials Used:



Woven Palm Wall
Paneling
WP-648PPN-NAUF



Coco Palm Flat Grain
Plywood
PB-3696UPN-NAUF



Specifications

Possible LEED Credits:

IEQc4.4: Low Emitting Materials

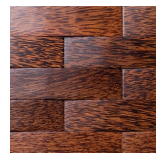
CA Section 01350: Passed

Other: No added urea formaldehyde



Physical / Mechanical Properties - Durapalm Woven Palm Paneling

Dimensions:	5/8" X 6" X 48" - 19mm x 152mm x 1219mm
Construction:	Woven Palm paneling is laminated at various elevations to give it a three dimensional texture . The Palm is then fastened to a backer board for support. There is an overlap along the length and at the ends of each panel to create a seamless appearance. The surface is finished with a polyurethane to bring out the depth and color of the Coconut Palm.
Working with Plyboo	A work sheet is provided with each panel containing useful tips and information and is also available on our website at www.durapalm.com/downloads-and-specs
ASTM E84: Surface Burning	Class C
ASTM D1037 Dimensional Stability:	<ul style="list-style-type: none"> • Linear Expansion: -0.03% parallel average -0.93% perpendicular average • Thickness Swell: -0.80% average
ASTM D4442: Moisture Content	6 - 9% avg.
ASTM D5116-06: Organic Emissions [CA Section 01350]	Classroom scenario / Office scenario: Pass / Pass



Physical / Mechanical Properties - Coco Palm Flat Grain Plywood

Dimensions:	¾" x 36" x 96" - 19mm x 915mm x 2440mm
Construction:	Three-ply, cross core construction.
Working with Durapalm	A work sheet is provided with each panel containing useful tips and information and is also available on our website at www.durapalm.com/downloads-and-specs
ASTM E84: Surface Burning	Class B
ASTM D1037 Dimensional Stability:	<ul style="list-style-type: none"> • Linear Expansion: 0.04% parallel; 1.44% average perpendicular • Thickness Swell: 1.73% average • Screw Hold (face / edge): Flat grain: 300lbs. face average / 330lbs. edge average
ASTM D4442: Moisture Content	6 - 9% avg.
ASTM D5116-06: Organic Emissions [CA Section 01350]	Classroom scenario / Office scenario: Pass / Pass

