



Industry: Law Offices

**Project Name:** Newsome Law Office

**Location:** Orlando, Florida

**Designer:** Little Architecture

**Materials:** Deco Palm Paneling and Flooring



Palm is our most exotic and unique material offering and is an exclusive to Smith + Fong. Newsome Law, a boutique legal firm in Florida was looking for something with a deep, rich feel to offset the contemporary design of their offices in Orlando. Deco palm paneling was used on the reception desk, wall hanging cabinets and as a wall treatment. Deco palm flooring was added to give additional dimension to the look.



Deco Palm Paneling  
SP-648PPN-SG

Deco Palm Flooring  
FL-V5872PPN-SG-NAUF


**Possible LEED Credits:**

IEQc4.4: Low Emitting Materials (plywood)

IEQc4.3: Low Emitting Materials (flooring)

CA Section 01350: Passed

Other: No added urea formaldehyde

**Deco Palm Paneling**

SP-648PPN-SG

**Deco Palm Flooring-NAUF**

FL-V5872PPN-SG-NAUF

**Physical / Mechanical Properties - Durapalm Palm Paneling**

Dimensions:	5/8" x 6" x 48" 19mm x 152mm x 1219mm
Construction:	Deco Palm paneling is laminated at various elevations to give it a three dimensional texture. The palm is then fastened to a plywood 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 treated with a light oil/wax finish to give it a natural look and feel.
Installation:	The Deco Palm panel installs easily horizontally or vertically. The overlap seams allow for an easy install with glue and pin-nail technique.
ASTM E84: Surface Burning	Class C
ASTM D4442: Moisture Content:	6-9% average

**Physical / Mechanical Properties - Palm Flooring**

Dimensions:	5/8" x 3" x 72" 16mm x 76mm x 1830mm
Installation:	Tongue and groove, nail or glue down
ASTM E648: Critical Radiant Flux	Class 1
ASTM D1037: Dimensional Stability	<ul style="list-style-type: none"> <li>Linear Expansion: Par. -0.01%, Per. -0.30%</li> <li>Thickness Swell: -0.48%</li> </ul> Hardness (Janka Ball Test): 1,295 lbf (avg)
ASTM D2394: Coefficient of Friction	Static Coefficient / Dynamic (Sliding) Coefficient: 0.437 / 0.376
ASTM D3359: Adhesion by Tape Test	Class 4B
ASTM D4060: Taber Abrasion	Average: 22,000 cycles
ASTM: 4442: Moisture Content	6-9% average
ASTM D5116-06: Organic Emissions [CA Section 01350]	Classroom scenario / Office scenario: Pass / Pass