



Case Study: Commercial

Newsome Law Office

Industry:
Law Offices

Location:
Orlando, Florida

Architect:
Little Architecture

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.



Materials Used:



Sugar Deco
Palm Paneling
SP-648PPN-SG



Sugar Deco
Palm Flooring
FL-V5872PPN-SG-NAUF



Specifications

Possible LEED Credits:

IEQc4.4: Low Emitting Materials
 IEQc4.3: Low Emitting Materials
 CA Section 01350: Passed

Other: No added urea formaldehyde



Physical / Mechanical Properties - Durapalm Deco 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 palm 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 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% avg.



Physical / Mechanical Properties - Durapalm Deco Palm Flooring

Dimensions:	5/8" X 3" X random - 16mm x 76mm x random
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"> • Linear Expansion: Par. -0.01%, Per. -0.30% • Thickness Swell: -0.48% • Hardness (Janka Ball Test): 1,295 1bf (avg)
ASTM D2394 : Coefficient of Friction	Static Coefficient/ Dynamic (Sliding) Coefficient: 0.437 / 0.376
ASTM D3359: Adhesion by Tape Test	Class 48
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

