



Case Study: Commercial

Newsome Law Office

Industry:Location:Architect:Law OfficesOrlando, FloridaLittle 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 formaldahyde



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 - D	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	Linear Expansion: Par0.01%, Per0.30%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	Maria Mile
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	