



## Case Study: Commercial

### San Diego Central Library

**Category:**  
Commercial

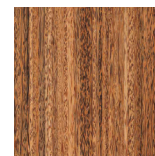
**Location:**  
San Diego, CA

**Architect:**  
Rob Quigley Architects

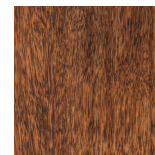
The city of San Diego was looking for a striking and modern design for their new central library building to anchor the redevelopment of this South San Diego neighborhood. They found this in San Diego Architectural firm, Rob Quigley Architects. For the interiors, the designers at Rob Quigley were looking for an iconic natural material to offset the hard surface materials. Palm trees are everywhere in this summer beachside community so they chose Durapalm flooring and plywood to outfit 7 of the 9 floors. From the time you enter on the ground floor to the time when you reach the 9th floor, you cannot miss the rich warm glow from this one-of-a-kind material. From the art gallery and rare books section floors to the book stacks, display cases, stage podiums, media consoles, bookshelves and reading room tables, Durapalm graces them all. They achieved the local reference and iconic look they had set their sights on and created a truly beautiful public space for the citizens of San Diego.



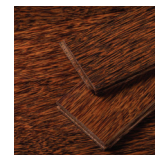
#### Materials Used:



Coco Linear  
Palm Plywood  
PB-V3472UPN-NAUF



Coco Palm  
Flat Grain Plywood  
PB-3696UPN-NAUF



Coco Palm  
Flat Grain Flooring  
FL-5872PPN-NAUF



## Specifications

### Possible LEED Credits:

IEQc4.4: Low Emitting Materials  
 CA Section 01350: Passed  
 Other: No added urea formaldehyde



### Physical / Mechanical Properties - Coco Palm Flat Grain and Linear Plywood

Dimensions (Flat Grain):	¾"x36"x96" - 19mm x 915mm x 2438mm
Dimensions (Linear):	¾" x36" x 72" - 19mm x 915mm x 1830mm* (*mm tolerance ± .5mm thickness)
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 <a href="http://www.durapalm.com/downloads-and-specs">www.durapalm.com/downloads-and-specs</a>
ASTM E84: Surface Burning	Class B
ASTM: 4442 : Moisture Content	6-9% average
ASTM D5116-06: Organic Emissions [CA Section 01350]	Classroom scenario / Office scenario: Pass / Pass

### Physical / Mechanical Properties - Coco Palm Flat Grain 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: 4442 : Moisture Content	6-9% average
ASTM D5116-06: Organic Emissions [CA Section 01350]	Classroom scenario / Office scenario: Pass / Pass