



Industry: Office building
Project Name: Copper Station Properties
Location: Ridgeland, South Carolina
Architect: LS3P Associates, LTD
Materials: Coconut Palm Flat Grain Flooring



The owners of Cooper Station Properties deliberately linked their passion for nature with their appreciation of contemporary design. The design embodies an airy scheme that orients the space round the heart of the office boardroom making sure each employee has a “room with a view”. The interior color scheme celebrates nature through forest-inspired colors. An emphasis on natural materials such as Coconut Palm Flat Grain flooring completes the look with a flair of the exotic. The result is attractive and practical.



Coconut Palm
Flat Grain Flooring
FL-5872PPN-NAUF



Possible LEED Credits:

IEQc4.4: Low Emitting Materials

CA Section 01350: Passed

Other: No added urea formaldehyde

Coconut Palm Flat Grain Flooring-NAUF/FSC

FL-5872PPN-NAUF

Physical / Mechanical Properties - 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 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