



## Case Study: Retail

# Ralph Lauren Showroom

**Industry:**  
Retail

**Location:**  
New York, New York

**Architect:**  
LS3P Associates, LTD

The space was looking for of a durable flooring for high traffic areas. The flat grain Natural flooring and plywood was chosen for its durability and neutral color to help showcase Ralph Lauren's bedding and textiles.



### Materials Used:



Natural Flat Grain  
Bamboo Flooring  
FL-5872PN-NAUF /FSC



## Specifications

### Possible LEED Credits:

Low emitting materials and certified wood  
 Floorscore certified



## Physical / Mechanical Properties - Flat Grain Flooring

Dimensions:	5/8" x 3 3/4" x 72" - 15mm x 96mm x 1830mm
Installation:	Tongue and Groove, glue down or nail down
ASTM E648: Critical Radiant Flux:	Class 1
ASTM D1037: Dimensional Stability	Linear Expansion: Parallel -0.02%, Perpendicular -0.07%, Thickness Swell -0.34%, Hardness (Janka Ball Test): 1300 lbf average
ASTM D2394: Coefficient of Friction	Static Coefficient/Dynamic (Sliding) Coefficient: 0.425/ 0.676
ASTM 4442: Moisture Content	6-9% average
ASTM D5116: Organic Emission (CA Section 01350)	Classroom scenario/Office scenario: mnb v