



TECHNICAL DETAILS

Palm Wood Flooring/Decking



*Founding Member
from the US Green Building Council
(USGBC)*



ENITO Palm Wood Flooring Technical Specification.

Unique to the hard wood flooring industry, ENITO has become the most recognizable and respected name in Palm wood flooring. ENITO Palm wood flooring is produced prefinished or unfinished in a natural or stained color, a 100% solid Palm wood with no fillers, and is available internationally as indoor flooring or out-door decking.

The herein provided technical details are to support Architects, designers in specifying ENITO Palm wood flooring for their projects.

If you are applying for LEED Credit kindly contact our technical Division for the relevant documents, ENITO certifies that our Palm wood flooring has met EU health, safety, and environmental requirements, which ensure consumer safety.

A comprehensive range of trim moldings such as stair-nosing, thresholds, reducers, base-shoes, and baseboards together with an ENITO Panel – Deco flooring is also available.

ENITO Palm Wood Specifications

PRODUCT SPECIFICATION

Species	Cocus Nucifera, belonging to the Arecaceae family
Construction	100% solid Cocus Nucifera, Palm Wood
Floor Type / Style	Hardwood Flooring / Planks
Edge / End Style	T&G, Double N, secret nail profile, <ul style="list-style-type: none">- Pre finish – micro bevel edge- Un-finished – square edge
Size	Random - 450/600/750/900 x 90 x 15/18mm Standard - 900 x 90 x 15/18mm
Average Hardness	Janka Ball test 1600 - 2200psi
Density	Hardwood, >900Kg/M3
Moisture Content	Kiln dry, Moisture content 8%+-1/2%, according to destination requirements
Installation	Nail down / glue down / floating floor / radiant heating
Application	Commercial / Residential applications - floor / wall panel / door / furniture
Finish Type	Superior Acrylic UV coated flooring, 8 coats <ul style="list-style-type: none">- NO FORMALDEHYDE- NO VOC EMISION
Warranty	25 years residential / 5 years commercial for our pre-finished collection

Source: *Enito Flooring Pte Ltd*

ENITO ECO FINISH

ENITO protects your home

- No toxic emissions →CEN 14823 approved
- No content and/or transmission of hazardous materials →EN 71-3
- ECO approved coating systems
- REACH* approved raw material

ENITO has carried out test on our coating systems with the prestigious eco-INSTITUT in Germany for the following parameters;

- Volatile Organic Compounds (VOC)
- Formaldehyde
- Odour
- Organic Halogens
- Phthalates
- Organotin Compounds

We are pleased to report that we fulfill the criteria recommended by the “eco-INSTITUT-Label” Painting and Coating materials!

ENITO Acrylic UV Floor Coatings test results

TEST	STANDARD	RESULTS
Wear Resistance	EN 14354-D WR 2	FP ≥5,000 rev.
Impact Resistance	EN 438-2.20	≥ 15N
	EN 438-2.21 EC 2	≥1,200 mm
Abrasion Resistance	EN 14354-D (STCL)	≥3000
Scratch Resistance	EN 438-2.25	≥Grade 3
Stain resistance	EN 438-2.26	5 (No visible change)**
Cold Cycle	ASTM D1211	25 cycles
Hamberger Plane Tester		≥ 25N

Source: *Enito Flooring Pte Ltd*

*REACH (Registration, Evaluation, Authorization and restriction of Chemical substances)

** Scale for EN: 5=No visible Change; 0=Surface destroyed

ENiTO™

*ENITO Flooring Customer Relations
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