

# Engineered Wood Flooring

Hospitality Sector Classification with Anti-Abrasive Coating

# CHAMPACA

## Technical Data Sheet

Engineered wood flooring (2-layered flooring) is made from a combination of hardwood and high quality plywood substrate with Anti-Abrasive Aluminium Oxide coating specifically made for use in Hospitality and F&B.

### PRODUCT DETAIL

Product Type	Anti-Abrasive Engineered Wood Flooring
Flooring Pattern	Random Length
Total Thickness (T) (mm)	14
Plank Width (W) (mm)	150
Plank Length (L) (mm)	600-1,500
Product Weight (kg/m <sup>2</sup> )	~10-12
Construction	2-Layer Engineered
Wear Layer Wood	European White Oak
Wear Layer	3mm Solid European White Oak
Core/Balancer	High Quality Birch Marine Plywood
Joint Profile	Tongue & Groove (4 sides)
Surface Texture	Smooth / Brushed
Surface Sheen	Matt / Semi-Gloss / Gloss
Finish	Prefinished UV Cured Lacquer with Anti-Abrasive Aluminium Oxide Coating
Moisture Content	8-12% EMC ( JAS Type II )

### TECHNICAL SPECIFICATIONS

Formaldehyde Emission	AS/NZS 2098.11	E0
	JIS A 1460:2015	F**** (0.15mg/l)
VOC Content	Low VOC	<50g/l
Thermal Resistance	EN 12722	120 ° C / Rating 5
Reaction to Fire	ASTM E84-13a	FSI 60 / SDI 135
Abrasion Resistance	DIN EN 438-2	IP - 1050
	ASTM D 4060	< 20,000
Scratch Resistance	ISO 15184	4H
	Hamberger planer	35N
Impact Resistance	DIN EN 438 Part2-12	10 Newton
Wear Layer Density	ISO 9427	EU Oak : 700kg/m <sup>3</sup>

### 1. UV Lacquer + Aluminium Oxide

Provides natural wood feel.

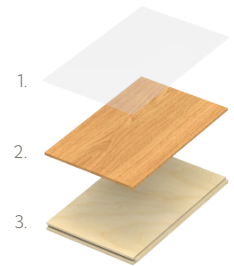
Easy to maintain & clean with Anti-Abrasive Coating, ensuring higher scratch resistance

### 2. Top Lamella

is a 3 mm thick high-quality hardwood

### 3. Strength from the Core

9 layers of high quality birch plywood



### INSTALLATION

Installation Method	Full Glue-Down / Nail-Assist Glue-Down / Floating
Suitable Substrates	Concrete / Cement board / Plywood / Existing Timber Floor
Suitable Uses	Hospitality / Retail / Commercial Spaces / Restaurants / Residential homes

### CARE & MAINTENANCE

Regular / Deep Cleaning	Champaca , Osmo, Bona Wood-specific Cleaning Products
-------------------------	--

### MANUFACTURING TOLERANCE

Bevel	0.5 mm Micro-Bevel 4 sides (±0.2 mm)
Dimension	T / W (±0.2 mm)
	L (±2.0 mm)
Assembly Gap	Top to Side : 0.5mm (± 0.2 mm)
	Top to Bottom : 0.2mm (± 0.2 mm)
	Piece to Piece : < 2% of plank width

