

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 ²)	~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)

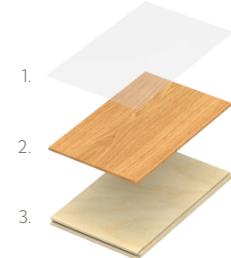
TECHNICAL SPECIFICATIONS

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 ³

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
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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

