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➤ ABOUT WOOD BIO

WHAT IS WOOD BIO?



WALFLOOR Wood BIO Floor is the next generation of engineered veneer flooring. It combines the natural beauty and richness of real wood with a patented construction of BIO composite core.

➤ PRODUCT CATEGORIES



- ◆ Finish layer: Natural oil or Lacquer coating
- ◆ Veneer layer: 1.2mm or 0.6mm
- ◆ Core layer: 5.8mm or 4.4mm
- ◆ Backing layer: optional, 1mm

- ✓ Finish layer: Natural oil or Lacquer coating
- ✓ Veneer layer: 1.2mm or 0.6mm
- ✓ Core layer: 6.3mm or 6.1mm
- ✓ Balancing layer: 0.5mm or 0.3mm
- ✓ Backing layer: 1.0mm or none

➤ ADVANTAGES



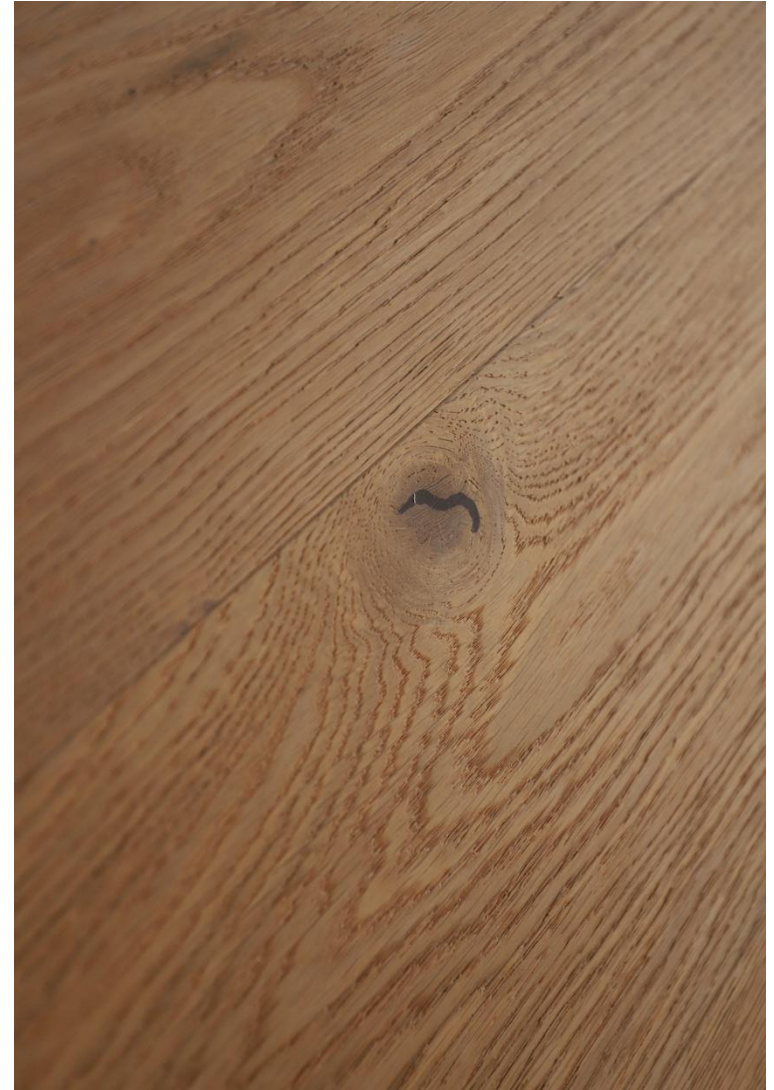
Water-resistant

**100% Waterproof and extremely stable when
exposed to great temperature variations**

➤ ADVANTAGES

NonPVC Possible

Patented PE WOOD core is the first and unique all over the world, surpassing other similar cores on the market



➤ ADVANTAGES

Non
repeat

**Real wood veneer offer NON-REPEAT at all.
EVERY single piece is UNIQUE.**

➤ ADVANTAGES

Foolproof

Super easy to install, DIY possible



➤ TECHNICAL DATA

Nr	Technical Items	Test Method	Test Results	Conclusion
1	Resistance to indentation	EN 1534:2010	Wire Brushed>30 N/mm ² ; Smooth Hard>40 N/mm ²	Wire Brushed, Class 23&31; Smooth Hard, Class 33
2	Water resistance/Swelling in water	ISO 24336	1.10%	Class 33
3	Impact resistance(Elasticity)	EN 14354:2017 Annex C	EC3	Class 33
4	Wear Resistance	EN 14354:2017 Annex D	Wire Brushed>1900 rounds; Smooth Hard>3000 rounds	Wire Brushed, Class 23&31; Smooth Hard, Class 33
5	Locking strength	ISO 24334	Long side: 7.0KN/m Short side: 16.7KN/m	Class 33
6	Slip resistance	CEN/TS 15676:2007	Long direction: 48 Short direction: 55	Good Slip resistance
7	Surface soundness	EN 13329:2016 Annex D	1.94 N/mm ²	Pass
8	Internal bond of the substrate	EN 319:1993	6.96 N/mm ²	Pass
9	Adhesion of the lacquer, cross cut test	EN 14354:2017 Annex F	Class 2	Pass
10	Dimensional stability & curling	ISO 23999, 70°C, 6h	Length direction: 0.03% Width direction: 0.14% Curling: 0.15mm	Good dimensional stability
11	Thermal conductivity	EN 12667	0.170 W/(m.k)	Suitable for underfloor heating system
12	Thermal resistance		0.049 m ² ·K/W	Suitable for underfloor heating system
13	Reaction to fire	EN 13051-1	Class Cfl -S1	Class Cfl -S1
14	Formaldehyde emission	EN 717-1	Non Detected	E1
15	VOC	ISO 16000	Non Detected	A+
16	Lead	CPSC-CH-E-1002-08	Non Detected	Meet children toy regulation
17	PCP	EN 12673	Non Detected	Pass
18	Phthalate content test	EN 14372	Non Detected	Pass
19	Substances of Very High Concern (SVHC)	Spectrometry and chromatography	Non Detected	REACH compliant
20	The body Voltage	EN 1815: 2016 Method A	0.2 KV	Pass
21	Veritical Resistance	EN 1081: 2018 Method A	>200X10 ⁹	Super good Veritical resistance

➤ CUSTOMIZE SOLUTION

Producing per tree species and color design of wood samples from customer



➤ CUSTOMIZE SOLUTION

Wire Brushed or Smooth Hard, it is your choice



Wire Brushed

OAK

WALNUT

HICKORY



Smooth Hard

MAPLE

TEAK

EUCALYPTUS



➤ **LOGISTIC DATA**

Wood PE VS WOOD SPC

ITEM	DESC.	SIZE	QTY/CTN	KGS/CTN	CTNS/PLT	KGS/PLT
WSPC0644	Wood SPC	1220*150*5mm	12pcs	21.30KGS	42CTNS	935KGS
WSPC1258	Wood SPC	1900*190*7mm	6pcs	28.59KGS	32CTNS	975KGS
WPEC066103	Wood PE	1220*150*7mm	12pcs	20.09KGS	54CTNS	1125KGS
WPEC12630510	Wood PE	1900*190*9mm	6pcs	22.10KGS	50CTNS	1165KGS