


ENGINEERED HORIZONTAL BAMBOO FLOOR 14MM

TONGUE & GROOVE PROFILE (EHBF14 - T&G)



from vietnam only...

DESCRIPTION	PRODUCT ADVANTAGE	PRODUCT FEATURES	REFERENCE	AVAILABLE ON REQUEST	DIMENSION L X W X T (MM)	QUANTITY / BOX	QUANTITY / CONTAINER (20')
<ul style="list-style-type: none"> • Engineered Bamboo Flooring with Plywood • Standard colors : natural, carbonate and dark brown. 	<ul style="list-style-type: none"> • Floating with glue or glued down installation • Stability and durability • Can be renovated several times • "Do it yourself floor", Easy & precise assembly, Quick installation 	<ul style="list-style-type: none"> • Structure : bamboo wear layer of 4.5 mm thick + plywood core + backing layer (bamboo wear layer). • Horizontally pressed bamboo • Micro bevel on long sides • Glue: E0/E1 • Finishing: 6 layers UV coating, semi-matt / UV oil finishing • Moisture content: 6-9% 	<p>EHBF14 - T&G</p> 	<ul style="list-style-type: none"> • No micro bevel on long sides • FSC plywood • One more layer of aluminium oxide finishing 	1,190 x 130 x 14 mm	1.392 m2	1,409 m2



PAYMENT TERM
Irrevocable L/C at sight or T/T

MINIMUM ORDER
• One container 20'

TEST AND CERTIFICATES
EN13489, EN 14342 / CE Marking
ISO 9001 vs 2000 Certificated

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SPECIFICATIONS OF THE PRODUCT

DIMENSIONS

Thickness: 14mm (tolerance ± 0.2 mm)
Width: 130mm (tolerance ± 0.2 mm)
Length: 1,190mm (tolerance ± 0.2 mm)

COLOR SHADES

Natural / Carbonate / Dark Brown (stain)

STRUCTURE

Bamboo wear layer: 4.5mm
Core: Plywood,
Backing layer: Wood veneer.

BAMBOO SPECIE

Luong, Dendrocalamus, Membranaceus
(North Vietnam / Laos)

PACKAGING

Planks per box: 9 planks
M2 per box: 1.392
Boxes per pallet: 46 boxes
Kg per box: 13.1 Kg
Quantity / 20'ctner: 1,409m2
Pallet dimensions: 1,200x800 mm
Packed in normal carton box covered by 100% recyclable plastic shrink film.

MANUFACTURING

MANUFACTURING

Acc. to NF EN 13489 july 2003.
MC%: 6-9%
Glues used: E1.

PROFILE / ASSEMBLY

Groove / Tongue profile.

FINISHING

UV VARNISH COATING

6 coats of acrylic varnish, UV dried.
Finishing class: 23 following standard EN14357.

UV OIL COATING

3 coats of 100% natural oil, UV dried.
Advised for high trafic areas, (easy repairs).

The dried coating resulting from the reactions with UV does not contain any free reactants or volatile substances.

INSTALLATION

• Floating: According to DTU 51.11 Dec 97, "Floating floor laying of parquets and laminated floor coverings with wood facing"

• Glued down: According to DTU 51.2 Aug 95, "laminated parquets"

• Installation on a low temperature heated floor, According to:
- DTU 65.7 May 1993: Electrical sub-floor heating
- DTU 65.14 July 2006: Hot water sub-floor heating
Maximum authorised thermal resistance: 0.150m2.K/W.

Glued down installation method advised.

MAINTENANCE

• For UV varnish coated flooring: Vacuum cleaner - Dust mop with cleaner / polish , renovator if needed.

USE CLASSIFICATION

• Use classification NF EN685 according to standard XP B53-69 january 2003.

This norm defines the areas and level of use of the flooring considering the wear layer thickness (restoration degree) and the hardness of the wood / bamboo specie used (wear resistance).

Hardness classification of the wood / bamboo species

Hardness class	Species
A: Brinell hardness: 10 to 20 N/mm2.	Scotspine, Fir, Spruce, Alder
B: Brinell hardness: 20 to 30 N/mm2.	Birch, Cherry, Chestnut, Teak, Walnut
C: Brinell hardness: 30 to 40 N/mm2.	Luong bamboo (BH = 44 N/mm2), Oak, Maple, Ash, Beech, Iroko, Moabi, Movingui
D: Brinell hardness: ≥ 40 N/mm2.	Ipe, Jatoba, Merbau, Wenge

Use classification NF EN685 according to standard XP B53-69 january 2003.

Wear layer thickness t (mm)	Hardness Class				1st number: area	2nd number: trafic
	A	B	C	D		
$2.5\text{mm} \leq t < 3.2\text{mm}$	21	21	23	31		1: moderate
$3.2\text{mm} \leq t < 4.5\text{mm}$	21	22	31	33	2: domestic	2: general
$4.5\text{mm} \leq t < 7\text{mm}$	22	23	33	34	3: commercial	3: high
$7\text{mm} \leq t$	22	31	34	41	4: Industrial	4: very high

- UPEC use classification following DTU51.11, CSTB specifications 2999: U2S-P2-E1-C0
- Fire resistance classification:
 - According to Euroclass NF EN 14342, august 2005: Cfl-S1
 - According to DTU "Wood-fire rules" 88, appendix 4: M3.

CE MARKING

According to Standard NF EN 14342, august 2005.

CE	CE group:	Thermal resistance (m2.K/W): 0.056
	Density (kg/m3) > 500	Thermal conductivity (W/m.K): 0.18
	Thickness (mm): 14	PCP content (ppm) < 0.01
	Formaldehyde emissions: E1	Breaking strength: N/A
	Reaction to fire: Cfl-S1	Biological durability: N/A