


# COMPRESSED BAMBOO STRANDS ENGINEERED FLOOR

## TONGUE & GROOVE / CLICK PROFILE (CBS-EF 14MM)



from vietnam only...

DESCRIPTION	PRODUCT ADVANTAGE	PRODUCT FEATURES	REFERENCE	OPTION	DIMENSION L X W X T (MM)	QUANTITY / BOX	QUANTITY / CONTAINER (20')
<ul style="list-style-type: none"> <li>• Engineered CBS Flooring with Plywood core</li> <li>• Standard colors : natural, carbonate, tiger.</li> </ul>	<ul style="list-style-type: none"> <li>• Product advantage</li> <li>• Floating installation without glue</li> <li>• High density compressed bamboo fibres</li> <li>• Higher stability and durability than any kind of bamboo flooring</li> </ul>	<ul style="list-style-type: none"> <li>• Structure : Compressed bamboo strands layer + birch plywood + backing layer</li> <li>• Bamboo wear layer: 4 mm thick.</li> <li>• Glue: E1</li> <li>• Finishing: 6 layers UV coating, semi-matt / Oil finishing</li> <li>• Moisture content: 6-9%</li> <li>• Profile: Tongue and Groove / Click profile</li> </ul>	<p>CBS-EF 14MM</p> 	<ul style="list-style-type: none"> <li>• Different colors on request, at least for order of 1 cont 20ft</li> </ul>	1,830 x 130/190 x 14 mm	1.665 M2	1,139 M2



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

MINIMUM ORDER  
• One container 20'

TEST AND CERTIFICATES  
EN 13489 - EN 14342 / CE Marking  
ISO 9001 vs 2000 Certificated

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### SPECIFICATIONS OF THE PRODUCT

#### DIMENSIONS

Thickness: 14mm (tolerance  $\pm 0.2$ mm)  
 Width: 130/190mm (tolerance  $\pm 0.2$ mm)  
 Length: 1,830mm (tolerance  $\pm 0.2$ mm)

#### COLOR SHADES

Natural / Carbonate

#### STRUCTURE

Bamboo compressed strands wear layer: 4mm

Core: Composed wood slats / Birch plywood.

Backing layer: Wood veneer.

#### BAMBOO SPECIE

*Luong, Dendrocalamus, Membranaceus* (North Vietnam / Laos)

#### PACKAGING

Planks per box: 7 planks

M2 per box: 1.665 m<sup>2</sup>

Boxes per pallet: 38 boxes

Kg per box: 19.2 Kg

Quantity / 20' ctner: 1,139m<sup>2</sup>

Pallet dimensions: 1,200x800 mm

Packed in normal carton box covered by 100% recyclable plastic shrink film.

### MANUFACTURING

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Acc. to NF EN 13489 july 2003.

MC%: 6-9%

Glues used: E1.

#### PROFILE / ASSEMBLY

T&G / Valinge 2G Click.

### FINISHING

#### UV VARNISH COATING

6 coats of acrylic varnish, UV dried.

#### UV OIL COATING

3 coats of 100% natural oil, UV dried.

Advised for high traffic 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: 0.150m<sup>2</sup>.K/W.

Glued down installation method advised.

### MAINTENANCE

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

• For UV oil coated flooring: Vacuum cleaner for a basic cleaning. Oil / wax by wiping for a regular maintenance. Light sanding and application of oil / wax if repair needed (scratch...).

### 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/mm <sup>2</sup> .	Scotspine, Fir, Spruce, Alder
B: Brinell hardness: 20 to 30 N/mm <sup>2</sup> .	Birch, Cherry, Chestnut, Teak, Walnut
C: Brinell hardness: 30 to 40 N/mm <sup>2</sup> .	Oak, Maple, Ash, Beech, Iroko, Moabi, Movingui
D: Brinell hardness: $\geq 40$ N/mm <sup>2</sup> .	Ipe, Jatoba, Merbau, Wenge, SWB bamboo (BH= 84N/mm <sup>2</sup> )

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		
2.5mm $\leq$ t < 3.2mm	21	21	23	31		1: moderate
3.2mm $\leq$ t < 4.5mm	21	22	31	33	2: domestic	2: general
4.5mm $\leq$ t < 7mm	22	23	33	34	3: commercial	3: high
7mm $\leq$ t	22	31	34	41	4: Industrial	4: very high

• UPEC use classification following DTU51.11, CSTB specifications 2999: U2-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 (m <sup>2</sup> .K/W): 0.102
	Density (kg/m <sup>3</sup> ) > 500	Thermal conductivity (W/m.K): 0.13
	Thickness (mm): 17	PCP content (ppm) < 0.01
	Formaldehyde emissions: E1	Breaking strength: N/A
	Reaction to fire: Cfl-S1	Biological durability: N/A