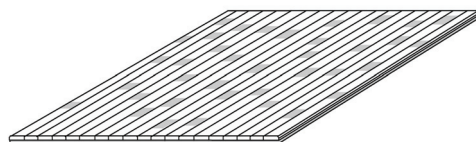


## Moso® Tile Unibamboo Pandaflex

### Product

The MOSO bamboo tiles "Panda-Flex" consist of bamboo strips (15mm width) which are pressed onto a water resistant latex backing. The size of the tiles is 500x500 mm.



Tile Pandaflex

### Product line

Code Natural	Code Caramel	Edges	Finish	Dimensions (mm)	Box Content (Pcs)	Box Content (m <sup>2</sup> )
TPNL15-50-**	TPCL15-50-**	MB	L / SL	500x500	12	3
		MB = Micro bevel				
		L = Lacquered Bona Naturale 110 gr/m <sup>2</sup>				
		SL = Lacquered Bona Naturale Stained 110 gr/m <sup>2</sup>				

\*\* ) The last 2 positions of the product code represent the finish:  
Transparent lacquer (91), White (92), Black (93), Mahony (94), Taupe (95), Colonial (96)

### Installation

Please read the full installation instructions on the backside.

*This floor type can not be installed on floor heating.*

### Technical characteristics

Bamboo:

- Hardness: approx. 4 kg/mm<sup>2</sup> (Brinell)
- Shrink/swell: 0,14% per 1% change in moisture content
- Density: 700 kg/ m<sup>3</sup>
- Equilibrium MC: 10% at 20 °C and 65% Rel. Air Humidity  
8% at 20 °C and 50% Rel. Air Humidity

Latex felt:

- Density: 400 gr./m<sup>2</sup>,
- Thickness: approx. 2mm

Bamboo+latex combined:

- Hardness: approx. 2,8 kg/mm<sup>2</sup> (Brinell)
- Sound reduction:  $\Delta L_{in}=8bD$ ,  $\Delta L_{w}=19dB$
- Fire class: EN 13501-1: Dfl-s1
- Formaldehyde emission: < 0,124 mg/m<sup>3</sup> (E1 Norm)

Lacquer: BONA NATURALE:

- Abrasion: SS-EN 13696 (12/16): 4500 Revs  
DIN EN438:2 (S-42): 125 rev
- Adhesion: Coin test: approved  
SS-EN 14354 (cross-cut) GT 0/5b
- Gloss ASTM D523: 6,9-9,2 deg

### Patent details

- Dutch Patent nr.: 2000349
- PCT request: B27J 1/100 (2006.01)  
E04F 13/10 (2006.01)  
Filing date 03.12.07



# Installation instruction tiles UNIBAMBOO Pandaflex

## Before installation

- To allow acclimatisation, lay your bamboo flooring flat in the room in which it is to be installed for at least 48 hours, in its sealed foil packaging or box, at a room temperature of 18°-20°C (50-65% air humidity).
- Please note that the surface to which the flooring is to be applied must have a minimum temperature of 18°C. The flooring may be installed on any sub floor which is level, without cracks, dry, clean and stable.
- Excessive humidity has a detrimental effect on the flooring. Maximum permitted humidity levels for sub floors are: sand cement 1,8%, chipboard 7-9%, anhydrite floors 0.3%.

## Please note

- Bamboo is a natural product! Therefore variations in colour and structure within a batch are possible.
- Before installation, we advise you to inspect the material for moisture content, size, colour differences and damage. We cannot accept any complaints regarding this once the material has been installed or further processed.
- Installation of the flooring should always be the final job in any building project, in order to avoid damaging the surface. Take care when working with adhesive tape as this could damage the (oil/lacquer) finish.
- Felt pads must be attached to furniture and chairs to avoid damage to the flooring surface.
- All lacquered or stained material should get a first maintenance treatment immediately after installation. Ask your supplier for details.

## Ideal room conditions

- Room temperature approx. 18-20°C; Air humidity 50 - 65%.
- During the winter months, room air can become extremely dry. To maintain a constant air humidity, ceramic humidifiers should be mounted on radiators (or stoves) and, for larger rooms, electric air humidifiers are required. In summer and autumn when air humidity is high, ensure that the room is well-ventilated. Where these conditions are not maintained, warping, shrinkage and movement will occur. Check the air humidity using a hygrometer.

## Installation

- This flooring type should be fully glued on the sub floor. To glue the boards on the floor, use adhesive suitable for PVC or latex. See list 'recommended glues'.
- Bamboo and wood are natural products which are affected by air humidity. Excessive air humidity causes bamboo material to swell whilst low air humidity results in shrinking. It is of the utmost importance that you maintain the edge distance (expansion gap) from walls, door frames, pipes etc.! This distance should be 5 - 10 mm.
- Determine the middle of the room by drawing a line on the floor, both in length and width, in the middle, at right angles to the wall. This is the starting point for the installation.
- Place (without glue) along these 2 lines a 'test' row. When, at the walls, only a small distance is left, the material can be shifted somewhat, to get a better distribution.
- Apply the glue, according to the instructions of the manufacturer, and install the first 2 rows. Install each tile as follows: first put one corner of the tile in the correct position and then press the rest of the tile in the glue.
- A bamboo strip (one or more) can be placed in between the tiles. Especially when another colour is used, one can create a very playful effect.
- Now install the rest of the tiles. For the last row: cut the tiles to size, leaving 5 to 10 mm space to the wall. To cut between the bamboo strips, a sharp knife can be used. Use a scissors or saw with a fine blade to cut the bamboo strips.

## Floor heating

This floor type can not be installed on floor heating.

## Maintenance and cleaning

- The useful life of your floor will be considerably increased with suitable cleaning and maintenance.
- Sand and dust have the same effect on the surface as sanding paper. Therefore, use a soft brush, vacuum cleaner or special dust remover to keep sand and dust from the floor. At the entrance, use a good quality entrance mat.
- Frequent cleaning: use dry methods e.g. vacuum cleaning and dry mopping.
- Occasional cleaning to remove more difficult dirt: use Bona® Parquet cleaner or Bona® Wood floor cleaner ([www.bona.com](http://www.bona.com)).

## Additional note

Whilst all due care is taken to ensure the accuracy of the installation instructions, individual circumstances (location, sub floor and installation procedures) may vary and are beyond the manufacturer's control. In case of doubt, therefore, consult the distributor.

These instructions are subject to change. For the latest version go to [www.unibamboo.eu](http://www.unibamboo.eu).

