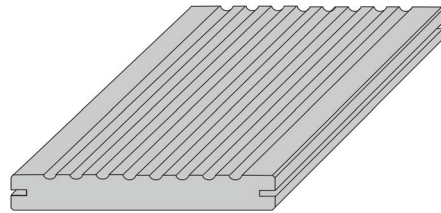


BAMBOO X-TREME™ DECKING

Product

The BAMBOO X-Treme™ decking is a heat treated, high density bamboo board, suitable for outdoor applications, especially as decking. One sole reversible decking board covers all possible outdoor uses: for screw down or fastener installation, with ribbed or flat surface. Bamboo X-Treme™ is provided with tongue-and-grooved head sides, thus creating more flexibility in the installation and a reduction of material loss. The special symmetrical side profile allows installation with Cliplam® fasteners as well as with several other existing fasteners. BAMBOO X-Treme™ is available in an oiled version (WOCA water based exclusive, teak colour) and unfinished version.



Product line

Product Code	Grooved	Edges	Finish	Surface	Head-Side T/G	Dimensions (mm)
BO-DTHT170G	Yes	B	-	R/F	Yes	1850x137x20
BO-DTHT171G	Yes	B	OW	R/F	Yes	1850x137x20

B = Bevel (also on headside)
 F = Flat
 R = Ribbed
 OW = Oil Woca

Installation

Please read the full installation instructions on the backside.

Technical characteristics

- Durability:	Class 1 in accordance with EN113 / EN350-1 Class 4 in accordance with EN 335 (usage Class)
- Surface fungus resistance:	Class 0 in accordance with EN152
- Dimensional stability:	24hours submerging in water 20 degrees Celsius: length: + 0,1 % / width: + 0,9 %
- Density:	appr. 1200 kg / m ³
- Hardness (EN1534):	9,5 kg / mm ² (Brinell)
- Elasticity Modulus (EN408):	10737 N/mm ²
- Breaking strength (EN408):	50,30 N/mm ²
- Strength class (EN338):	D50

Bamboo is a natural product and, like any other wood, is subject to variations of shades of colours.



www.moso.eu

Installation instruction Bamboo X-Treme™ Decking

Before installation

- Water logging under the decking should be avoided by preparing a water permeable ground structure. This can be achieved by sand layers and gravel dispersion above.
- Install the decking boards with a slope of 1-2% to enable water to run off the surface.
- Secure good ventilation of the decking by keeping at least 20 mm space at walls and obstacles and avoid closing the terrace on the sides.
- When the surface underneath the decking is not fast drying, there should be at least 100 mm distance between the decking and the surface underneath the floor.
- Keep at least 5 mm expansion space between the boards (in width direction). With fastener installation this is automatically the case.
- Because of the shape of the head side tongue and groove no expansion space is needed on the head side.
- Use sub frame joists with the minimum size of 40x70 mm. Suitable joists are those with the same durability class as the decking; Moso sub frame joists, stable hard wood joists or impregnated pine joists. Avoid direct contact with the earth.
- It is advisable to install the boards on sub frame joists with max 460 mm space between the joists centers (board length supported by 4 battens). The maximum distance of the head side joints to the center of the sub frame joist is 150 mm.
- There should be cement/stone tiles 40-50mm thick, to distribute the pressure of the sub frame.
- Generally the sub frame joists should be laid with ca. 5-8mm distance between the head sides. Moso sub frame joists can be installed without this distance, connecting them with screws and glue suited for outdoor use.
- It is advisable to apply wax or oil on end sides and cross cut board ends to avoid water penetration.

Please note

- The BAMBOO X-TREME™ outdoor board is a natural forest product, which can vary in color, grain and appearance. Color will change over time depending on the maintenance schedule.
- Cracks on the surface and on the end of the boards can arise from the different drying characteristics of the surface and cross cut ends. This phenomenon is normal for most wood species and is minimized for this product by its patented 'Density – Thermo' production method. Head sides cracks can be further minimized by applying oil or wax on cross end sides of the boards.
- The surface sides of the boards will get rougher over time as a result of constant shrink and swell of the boards due to dry and wet climate periods. This phenomenon is normal for most wood species and is minimized for this product by its patented density – heat treated production method.
- Dimensional change or cupping of the boards can occur after installation. This phenomenon is normal for most wood species and is minimized for this product by its patented density – heat treated production method.

The installation

Installation with fasteners

- Determine the surface side of the boards (ribbed- or flat surface).
- Use the Moso cliplam fasteners or other suitable fasteners in the following sequence:
 - Press fastener in the groove of one board.
 - Pre-drill the screw holes. Mount the screw without fully tightening.
 - Install the following board.
 - Tighten the screw in the fastener and the sub beam. **Be careful not to screw to deep and damage the fastener!**
- Use approx. 20 clips per / m². Use a clip on each sub beam.
- Only use the by MOSO offered A2 stainless steel decking screws (4 x 40 mm)
- In extreme cases some boards may slide. This can be avoided by screwing the board in the groove fixing it to the sub beam.

Screw down installation

- Determine the surface side of the boards (ribbed- or flat surface).
- Pre drill the screw holes 20 mm from the side of the board.
- Always screw both sides (left and right) of the board.
- Use A2 stainless steel decking screws (ca 5x50mm)

Maintenance and cleaning

Prefinished

BAMBOO X-TREME™ outdoor decking is double sided, factory oiled with WOCA exclusive water based decking oil (teak color).

- Clean the floor at least one time per year with WOCA Decking Cleaner. Follow the instructions from WOCA (www.woodcaredenmark.com).
- Remove the dirt water residue on the boards with clean water and let the floor dry.
- Apply a new layer of WOCA Decking Oil (WOCA exclusive decking oil, teak color). When not applying new outdoor oil 1-2x per year, the floor will turn in to a grey color tone and the typical bamboo wood grain structure will become less visible. Follow the instructions from WOCA (www.woodcaredenmark.com).
- It is advisable to keep the decking free from dust and dirt as much as possible. (clean by broom regularly).

Unfinished

It is possible to leave the decking without maintenance; the result will be a rough and grey appearance. However, a first time application of the decking is necessary to impregnate the decking. It is advised to use water based oil for maximum impregnation. After this first application the decking can remain without treatment for natural greying.

- When applying a finish (oil/ saturator) it is necessary to apply the finish immediately after installation.
- Clean the decking with water and broom. In case you do this immediately after installation, no additional cleaner is needed. Let the decking dry. When the decking is completely dry please follow the instructions of the supplier of the used oil or saturator.
- It is advisable to keep the decking free from dust and dirt as much as possible. (clean by broom regularly)

Storing Bamboo X-Treme

Store BAMBOO X-TREME™ in a dry, cool place protected against dust and direct sunlight.

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 visit www.bamboo-xtreme.eu.

www.moso.eu

