

# Bamboo X-treme<sup>®</sup> Decking Tiles

installation instructions

BO-DTHT-T161



# MOSO® Bamboo X-treme® Decking Tiles

## installation instructions

### important

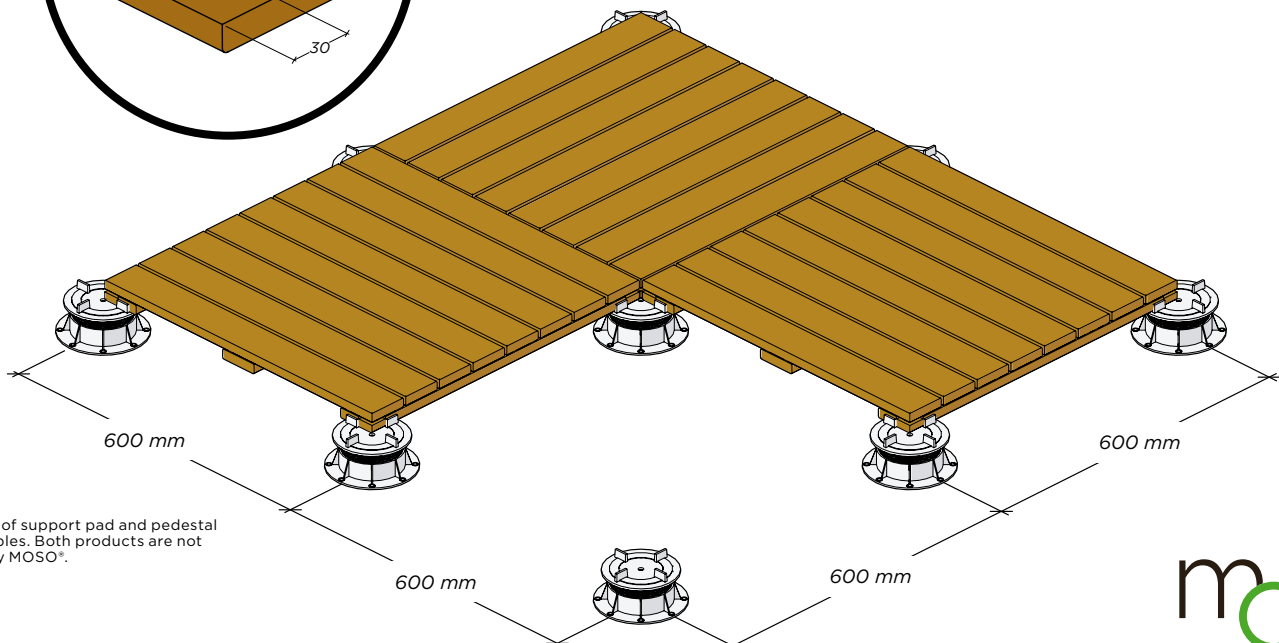
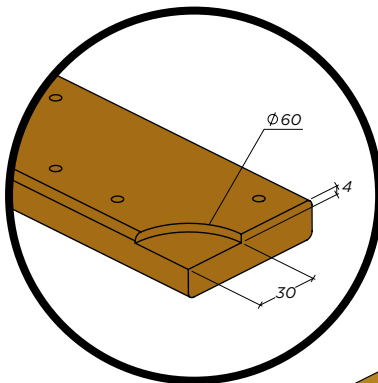
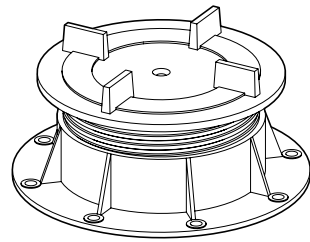
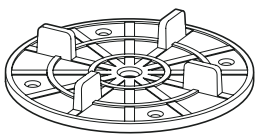
- The MOSO® Bamboo X-treme® Tile is a natural product. Some variation in colour, grain and appearance is normal. Colour can change fast from dark brown to lighter brown or grey, depending on the climatic conditions and maintenance schedule.
- Small cracks and splinters on the surface and on the end of the single-deck tile boards can arise due to the different drying characteristics of the surface and cross cut sides. The surface will also become rougher over time. This phenomenon is normal for most wood species but is minimised for this product due to the unique 'Thermo-Density®' production method. Crack formation can be further minimised by applying sealer to the ends of the tile boards.
- Splinters and roughness can be removed by cleaning the surface of the deck tiles with the silicon carbide broom or machine disk which MOSO® supplies. The surface will become smoother and splinters are removed.
- Dimensional changes or cupping can occur after installation. This phenomenon is normal for most wood species and is minimised for this product due to the unique Thermo-Density® production process.

### before installation

- Waterlogging under the deck tiles must be avoided. Make sure that the surface to be covered allows appropriate water run-off.
- When installing on hard soil, grass, sand or gravel surfaces, make sure the surface is relatively level and well compacted. Place a root barrier to prevent weeds growing under the deck tiles.
- On solid surfaces, such as on balconies or rooftops, proper water drainage must be ensured.
- Install the deck tiles on height-adjustable pedestals or support pads.
- Install the deck tiles with a slope of 1-2% to enable water to run off the surface. Alternatively, the deck tiles can be installed without a slope, but due to the fact that water stays on the surface longer, it is possible more superficial cracks will develop. If the installation is done without a slope, more cleaning will be required.
- When the surface or soil underneath the deck tiles is not fast drying, there must be at least a 100 millimeter spacing between the tiles and the surface underneath.
- Ensure good ventilation by ensuring at least a 20 mm gap from walls and other objects and avoid closing off the terrace on the sides.
- In general, fixing the deck tiles to the subfloor is not necessary due to the high density and stability of Bamboo X-treme®. However, in some locations, such as high-rise buildings and high wind speed areas, fixing of the deck tiles and supports may be mandatory.
- It is advisable to fix at least the pedestals at the perimeter to the underlying surface, in order to minimise any movement of the pedestals. In areas where wind uplift is a concern, all pedestals should be fixed.
- The tiles have circular slots on every corner. Some pedestal system suppliers provide special discs or washers that can slide into these slots and subsequently be fastened to the underlying pedestal to fully secure the deck tiles against any upward movement.
- Compatibility of certain discs or washers can be checked referencing the following specifications:
  - Max. disc diameter = 60 mm / Max. disc thickness = 4 mm

Support pad

Pedestal



Drawings of support pad and pedestal are examples. Both products are not offered by MOSO®.

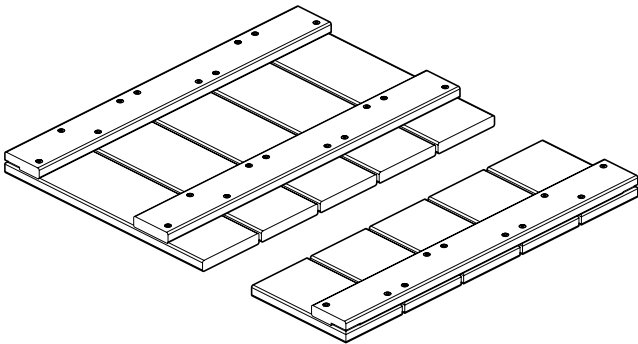
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## installation instructions

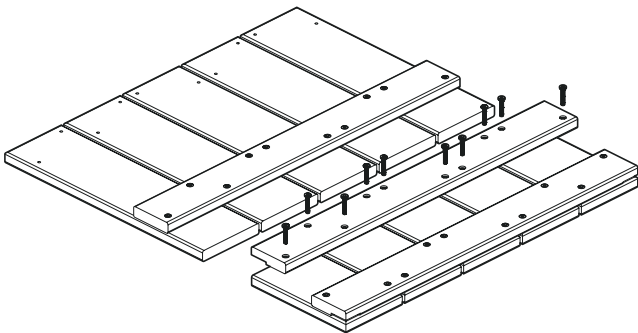
### cutting to size

- The tiles can be cut to size to fit odd sized gaps or to fit them around posts or perimeters.
- Place the tile with the support battens facing up.
- Remove any screws within the cutting path.
- Cut the tile to the desired size and shape.
- In case one or two support battens are cut off after trimming, reassemble the tile using a support batten from the recently cut off section.
- Line up the support battens to the cut edge of the portion to be installed. Using the existing holes in the support batten, pre-drill holes. Ensure even spacing of the support battens. Take extra caution to avoid drilling through the tiles.
- Re-attach the support battens using the previously removed screws and fasten them using the pre-drilled holes.
- It is highly recommended to treat every cut end with end sealer, to minimise moisture absorption through the freshly cut ends. Sikens Kodrin Sealer WV 456 is a suitable end sealer product available through MOSO®.

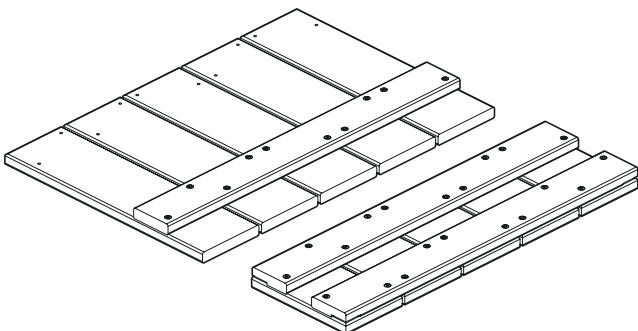
### cut tile to desired size



### predrill holes: Ø 4mm, 12mm deep



### reinstall support battens



### cleaning and maintenance

#### prefinished version

- MOSO® Bamboo X-treme® Tiles are pre-oiled, double sided, with Woca Exterior Wood Oil (teak colour).
- Clean the tiles at least once per year with Woca Exterior Wood Cleaner and a silicon carbide broom or disc. Follow the instructions at: [www.moso-bamboo.com/youtube/x-treme](http://www.moso-bamboo.com/youtube/x-treme). Depending on climate and use it may be necessary to perform cleaning more than once per year.
- Remove the dirty water residue on the boards with clean water and let the surface dry.
- Apply 1-2 new layers of Woca Exterior Wood Oil (teak colour). This maintenance should be undertaken 1-2 times a year to prevent the bamboo becoming grey and losing its characteristic bamboo grain. The best time to do initial oiling is 3 to 4 months after installation, or after the first winter, when the surface is more open than immediately after installation. Follow the instructions at: [www.moso-bamboo.com/youtube/x-treme](http://www.moso-bamboo.com/youtube/x-treme).
- It is advisable to keep the decking free from dust and dirt as much as possible (clean with a broom regularly).

#### unfinished version

- You can leave the deck tiles without any maintenance, but take into consideration that without maintenance and oiling the deck will develop a rougher, fissured surface that will lighten quicker and become grey (similar to most timber).
- Maintenance with Woca Exterior Wood Oil is recommended. The best time to do initial oiling is 3 to 4 months after installation, when the surface is more open than immediately after installation.
- Clean the deck with clean water, cleaner and a silicon carbide broom or disc.
- Let the deck tiles dry. When the deck surface is completely dry please follow MOSO® maintenance & cleaning instructions for oiling.
- After this first application the tiles can remain without oil treatment for natural greying. However annual cleaning with a silicon carbide broom or disc is obligatory. If you want to keep a darker colour, regular maintenance with Woca Exterior Wood Oil is needed.

### storing

Store MOSO® Bamboo X-treme® in a cool and dry place away from direct sunlight, and protected from weather influences, dirt and dust.

### additional note

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

MOSO warrants the bamboo material and the mounting materials (screws) it supplies but does not warrant the connection with other materials (such as sub frame joist/battens/pedestal/support pads). It is the responsibility of the installer to make sure the screw used matches such materials during the full lifetime of the product.

**These instructions are subject to change. For the latest version visit [www.moso-bamboo.com/x-treme](http://www.moso-bamboo.com/x-treme)**

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