

installation instruction bambooforest (solid wide board)

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°-21°C (40-65% air humidity). After opening the foil packaging or box, the boards have to be installed immediately.
- 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

- Color differences, height differences, small cracks in the surface and gaps between the boards are normal for this product.
- You should always mix the components from different boxes.
- Before installation, we advise you to inspect the flooring 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 flooring surface.
- Felt pads must be attached to furniture and chairs to avoid damage to the flooring surface.
- To protect against dust and sand, a walk-off mat has to be placed before and after the entrance of the room.
- As with any natural product, color changes (for example due to sunlight) can occur.

ideal room conditions

- Room temperature approx. 18-21°C; Air humidity 40-65%.
- 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, cracks, shrinkage and movement will occur. Check the air humidity using a hygrometer.

the gluing

- This flooring type should be fully glued on the sub floor. It can be glued directly on the screed (like sand cement or anhydrite) if it is level, without cracks, dry, clean and stable. It is often advised to place a chipboard or plywood to deal with possible problems in the sub floor.
- This way of installation requires specialist materials and skills. Only a recognised contractor should be used for the installation.
- Advised adhesive: a 2-component polyurethane.
- For porous surfaces dispersion glues (with a low water content) or synthetic resin adhesive with low solvent content can be used.
- Elastic adhesive systems like 1-component Polyurethane or silan type of adhesives only can be used, when:
 - Shear strength $T_s > 1.4 \text{ N/mm}^2$ (3 days balanced at 23 degrees Celsius / 50% Air Humidity).
 - Shear elongation $\gamma >= 0.5$ (3 days balanced at 23 degrees Celsius/50% Air Humidity). Please ask your glue supplier for more information.
- Floating installation is possible, but in that case the maximum width of the floor is approx. 6 metre and the maximum length is approx. 12 metre.

floor heating / cooling

This floor type can be installed – under certain conditions – on warm water floor heating. See “**MOSO® Bamboo Flooring** floor heating / cooling”.

finish

The surface of the MOSO® Bamboo Forest is the bark/skin of the bamboo pole and is very hard and dense. To protect it (and especially to close the gaps at the bevel) a floor wax can be applied.

maintenance and cleaning

Cleaning and care: The useful life of your bamboo floor will be considerably increased with suitable cleaning and maintenance. Use limited amounts of water (very slightly damp mop) and neutral detergents which are pH neutral (≤ 7). Attention: using cleaners with a too high pH value (containing alkaline) can lead to discoloration (bleaching) of natural materials. Since MOSO® Bamboo Forest does not have an oil/lacquer protection, but a wax, (as all other Moso® floors have after installation), the risk of discoloration is bigger - therefore choosing the right cleaner is of utmost importance. Please contact MOSO for a list of recommended cleaners.

additional note

Whilst all due care is taken to ensure the accuracy of the installation instructions, individual circumstances (location, subfloor 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.moso.eu.

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