

MOSO® Flexbamboo (rolls and sheets with fabric backing for wall application)

processing & installation instruction

before installation

- Flexbamboo is a flexible roll or sheet of bamboo strips glued to a fabric backing.
- Flexbamboo must be acclimatised for at least 48 hours in the room where the material is to be installed, in the (sealed) packaging, at a temperature of 18°-21°C (40-65% air humidity). After opening the foil package or box, Flexbamboo should be installed immediately.
- The surface on which the material will be placed must have a minimum temperature of temperature of 18°C.
- The surface must be level, without cracks, dry and clean.
- If residual moisture is present in (new) plaster, a waiting/drying period must be taken into account. Rising damp or dampness caused by constructional faults must be eliminated at its source.
- The surface must be strong enough to support Flexbamboo. This means that the plaster must be able to absorb the tension that occurs during drying.
- Loose surfaces must be secured. For this, use a primer (fixative) that penetrates the surface. Under no circumstances should the product form a film on the surface that would completely seal off the surface.
- Dry plaster (e.g. gypsum board) may cause problems when Flexbamboo needs to be removed. These boards are covered with a cardboard layer that tends to loosen or soften in places when moistened. In this case too, a primer (fixative) should be used that penetrates the surface.
- The adhesive must be able to penetrate the surface. If the plaster is completely closed off (by paint, for example), a correct connection between the substrate and Flexbamboo is impossible. Surfaces that are too closed should be roughened up. If the surface is too absorbent, a primer or fixative should be used that penetrates the surface.
- Due to the production method, it is possible that the rolls are not entirely square to the side. Maximum tolerance here is 5 mm on 1 metre. Make sure there is an oversize in the rolls so that they can be sawn straight.
- Rolls of 204 cm and 244 cm do not have a straight edge. These can be factory edged by MOSO®.

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.

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 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

- Flexbamboo should be fully glued on the surface. Use a glue with little or no moisture, for example a silane glue, or a dispersion glue with low-water content. **ATTENTION: don't apply more than 250-350gr/m²!**
- Recommended adhesives are Mapei Ultrabond ECO 185, CascoProf GP or similar.
- To cut between the strips, use a sharp knife.
- To shorten the strips, you can use a circular saw or a jigsaw. Always use a sharp saw with fine teeth.
- Glue pieces of approximately 1.5 meters at a time. In this way, Flexbamboo is easy to install and will not move or loosen.
- The adhesive can be applied to the bamboo or to the wall.
- Let the adhesive dry for 10-15 min before applying Flexbamboo, following the glue instructions of the manufacturer.
- When applying Flexbamboo, you can still move the strips of the placed part to fit well against the previous piece.

pressing/glueing

- In case MOSO® Flexbamboo needs to be pressed on a carrier material (MDF, chipboard, etc) it should always be done in a "sandwich"- construction (3-ply) to maintain the balance in the total panel and avoid bending.
- The glue quantity and pressing method depends on the absorption of the carrier panel.
- Recommended adhesives: PVAC with low water content or PU glue.
- When pressed under high pressure and high temperature a considerable cooling time should be taken into account before stacking the cooled (max. 60°C) panels.

finish

- Unfinished Flexbamboo should be either lacquered, oiled, or waxed. For oil: note that bamboo has a dense surface structure, therefore apply oil thinly and allow to dry between applications.
- Remove glue residues and other materials from the surface of the installed material. Clean the material, using a brush or vacuum cleaner and after that a damp cloth.
- Apply the finish following the instructions of the supplier.
- In case of prefinished material: the material is finished with a transparent or pigmented LED-oil.
- As a wall covering, Flexbamboo does not require any maintenance, since the material is not walked on.

additional note

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

These instructions are subject to change. For the latest version go to www.moso-bamboo.com/flex.

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